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MARSHALL'S SEEDS

1919

W.E. MARSHALL & CO. INC.
166 WEST TWENTY THIRD STREET
NEW YORK CITY

FIFTEENTH ANNIVERSARY ANNOUNCEMENT



FIFTEEN years ago we commenced business at 146 West 23d Street and after nine years moved to our present more commodious quarters at 166 West 23d Street, to enable us to handle our increased business.

In January, 1917, we incorporated, thereby giving our employees an interest in the welfare of our business.

We thank our numerous patrons and friends for their continued confidence in our goods, which has enabled us to be proud of their patronage, and we hope still to maintain the standard and quality of our goods in the future as in the past.

Our patrons will always find courteous treatment from our fellow workers who have so greatly aided us in the expansion of our business.

W. E. MARSHALL, President

A. E. WHEELER, Vice-Pres. and Treas.

S. H. WHITEFIELD, Secretary

January, 1919

ORDER EARLY

We request our customers to order as early as possible on receipt of catalogue. We endeavor to ship all orders immediately on receipt, but during the busy season it is almost impossible; hence, the importance of ordering early.

PARCELS POST

We deliver free by Parcels Post all seeds, except Beans, Corn, Peas, Farm Seeds or Clovers. If these are wanted by mail please add the cost of postage at zone rates.

We deliver free by mail all flower and vegetable seeds by the packet, ounce and quarter pound.

Fertilizers, insecticides, sundries, trees and plants are at all times excluded from free delivery.

No charge for delivery to railroad station, steamer or express office.

Owing to the scarcity of all Bags we are compelled to charge them at cost and credit will be given when returned charges prepaid if in good condition.

GARDENERS AND FARMERS

Parties requiring the services of reliable men, married or single, should consult with us, as we have the names of a number on our register, thoroughly experienced in every branch of the business. We have a large acquaintance among gardeners in this vicinity, and it is seldom that any one who applies to us fails of getting the right party. No fee.

SPECIAL NOTICE

PRICES

The prices published in this Catalogue are subject to market changes without notice.

Owing to the upward trend in prices of all materials, we cannot bind ourselves on prices of any articles.

W. E. MARSHALL & CO. Inc.

166 WEST 23rd STREET, NEW YORK

LOCATION OF OUR STORE

Our store, No. 166 West 23d Street, is situated near Seventh Avenue, between Sixth and Seventh Avenues.

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TELEPHONE
3288 CHELSEA

VICTORY GARDENS

The National War Garden Commission has planned to replace the War Gardens of 1917-1918 with Victory Gardens in 1919.

The usefulness that the War Gardens have served has not ceased with the termination of the war's hostilities. Years will elapse before the country's food supply will again equal the demand, for we must not only provide our own needs and for those of our Allies, but we are called on to supply the defeated nations to save them from starvation.

In order that the interest aroused in gardening may be perpetuated we hope that Victory Gardens be developed with a view to permanency to produce edible and ornamental products.

SPECIALTIES AND EXHIBITION STRAINS IN VEGETABLES

BEET. Marshall's Dark Leaved Globe

A perfect globe-shaped Beet, with a very dark texture and leaf. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00 lb. \$3.00.

BEET. Marshall's Exhibition

A selected strain of the Globe type; roots medium size, symmetrical in form, and unrivaled for the exhibition or table use. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

BEAN. Magpie

A new dwarf string bean with beautiful long straight green pods, stringless, finest quality and flavor. Extraordinarily prolific and a long season in crop, also a fine forcing variety stock limited. $\frac{1}{2}$ pint 50c. Pint \$1.00.

BRUSSELS SPROUTS Marshall's Exhibition

For exhibition purposes this fine variety is unequalled and it cannot be surpassed for general cultivation. Pkt. 10c., oz. \$1.00.



Marshall's First Crop Cabbage

CABBAGE. Marshall's First Crop

The earliest of all pointed varieties—is distinct from any other on the market at the present time. It is an ideal variety for the private garden, as it takes up but little room, and produces solid hearts sooner than any other sort known to us. Pkt. 10c., $\frac{1}{2}$ oz. 70c., oz. \$1.25, $\frac{1}{4}$ lb. \$4.00.

CARROT. Marshall's Exhibition

A superb type of Intermediate Carrot. The kin is clear, bright in color, and the flesh close in texture, with very small core. In competition on the exhibition stage this variety has carried off more prizes than any other Carrot. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

CARROT. Marshall's Intermediate

This is a carefully selected stock for exhibition purposes. The color and quality are perfect. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

KALE. Marshall's Exhibition Curled

This is really the handsomest kale that has ever come under our notice, and is entirely distinct from other strains. The closely curled, handsome leaves are most attractive. A fine exhibition plant of medium height. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

LEEK. Marshall's Giant

The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation, of a mild, delicious flavor. Pkt. 10c., oz. 80c.

LETTUCE. Marshall's Matchless

This distinct Lettuce which we introduced three years ago has been admired by all who have seen or used it. It is a cross between a head and Cos variety, very crisp and brittle, flavor distinct from other kinds and the best possible variety for home use. Fine for early frames or summer use. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

MUSK MELON. Marshall's Matchless

This Musk Melon is the largest and most luscious Melon we have seen. The fruits average from 15 to 20 pounds in weight, are wonderfully uniform in shape, distinctively ribbed and netted. The flesh is an orange-scarlet color, very thick, edible to the rind and of a luscious flavor; the seed cavity is very small for so large a Melon. Plants produce from five to eight handsome fruits, and the vines are remarkably healthy and vigorous. Pkt. 25c.

MELON. Marshall's Eminence

The flesh of this fine melon is of great depth and delicious in flavor. Fruit of medium size, flesh white and beautifully netted. Early and distinct and sets its fruit freely. The seeds we offer have been selected from the finest fruits of Veitch's stock. Pkt. 50c.



SPECIALTIES IN VEGETABLES—Continued

ONION. Marshall's Ailsa Craig

The skin is a pale straw color, and oval in shape. Excellent for exhibition purposes. The seed we offer is imported and grown from a selected strain. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.20.

ONION. Marshall's Invincible Giant

The latest and most important novelty in exhibition Onions. This is not an improved strain of Ailsa Craig, but grown under the same conditions, produces bulbs one-third larger. Pale yellow in color. The seeds we offer are carefully selected for us by an English grower. Pkt. 25c., $\frac{1}{4}$ oz. 60c., oz. \$2.00.

ONION. Cranston's Excelsior

This is the leading English Exhibition variety, and well deserves its popularity. It is very large and handsome, inclined to be globular in shape, and of beautiful straw color. Pkt. 15c., $\frac{1}{2}$ oz. 60c., oz. \$1.20.

ONION. Giant Gibraltar

This onion is similar in appearance to the Prize-taker, but is lighter in color and much larger in size. From seed sown in January it will produce huge bulbs over one and a half pounds in weight. Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. \$1.00, $\frac{1}{4}$ lb. \$3.50.

PARSLEY. Marshall's Crested Gem

The dwarf compact habit of the plant and the fineness of the closely cut foliage are unsurpassed. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

PEPPER. Marshall's Perfection

Very smooth and uniform in shape; color when ripe a beautiful scarlet red; quality very sweet and delicious. Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. \$1.00.



Potato. Dibble's Russet



Onion, Ailsa Craig

POTATO. Dibble's Russet

The tubers are round to oblong in shape, of good size with pure white flesh, and covered with a russet skin. They are enormously productive, the vines are dark green in color, very robust and extremely disease resistant. For table use they have no equal having very few eyes and fine cookers. Peck \$1.00, bu. \$3.50, bag 165 lbs. \$10.00.

RADISH. Marshall's Perfection

This Radish is a very attractive variety. The white tip extends nearly half way up the root, and the brilliant red color of the top shows up in strong contrast. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

TOMATO. Marshall's Prolific

For forcing we can strongly recommend it as being the best variety, as it sets very freely and is an exceptionally heavy cropper. For outside planting it is the earliest variety grown, an enormous cropper of medium size, producing as many as 30 Tomatoes on a truss. The fruit is a bright scarlet color, perfectly smooth, flesh solid, and contains very few seeds. Pkt. 25c., $\frac{1}{2}$ oz. \$2.00.

TURNIP. Selected White Milan

The Milan Turnips are among the earliest in cultivation; roots flat; medium size, quite smooth. Fine for exhibition or family use. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.



Novelties and Specialties in Flower Seeds

AQUILEGIA. Marshall's Matchless Long-Spurred Hybrids

A grand selection of colors saved from the choicest varieties. Fine for cutting or hardy borders. Pkt. 25c., $\frac{1}{16}$ oz. \$1.00.

COSMOS. New Double.

A beautiful new type of Cosmos producing full, round double flowers most desirable for cutting.

Double Snowball, Double Crimson and Double Pink. Each per pkt. 25c.

DELPHINIUM

Marshall's Matchless Hybrids

A very beautiful strain with large, handsome flower spikes, including the best of the new double and single named varieties. Pkt. 25c., $\frac{1}{8}$ oz. \$1.00.

EREMURUS

Marshall's Gold Medal Hybrids

Many beautiful new colors, including White, Cream, Primrose, Pink, Yellow, Bronze, Copper, etc. All July-flowering and perfectly hardy, and vary in height from 6 to 10 feet. Pkt. 25c.

GAILLARDIA

Marshall's Matchless Hybrids

A grand new improved strain. Enormous flowers and very stout habit, including grand varieties of colors. Pkt. 25c., $\frac{1}{8}$ oz. \$1.00.

GLOXINIA. Marshall's Matchless

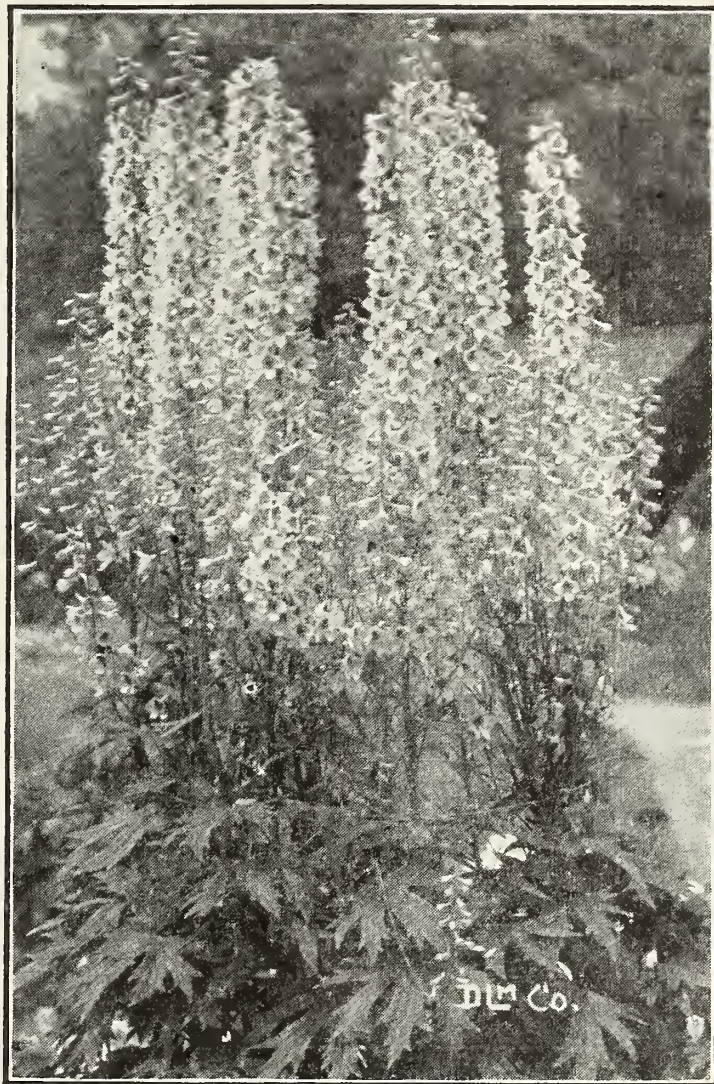
This strain is saved from the very choicest erect-flowering varieties in cultivation. The flowers are of gigantic proportions, brilliant in color and beautifully marked. Pkt. 50c.

MIGNONETTE. Marshall's "Majesty"

This is a very select strain of greenhouse grown Mignonette, producing spikes of very large size. The seed we offer is grown from selected spikes especially for us by a large flower grower. Pkt. 50c., $\frac{1}{8}$ oz. \$1.00.

PANSY. Marshall's Matchless Mixture

These consist of all the newest named varieties in mixture, and include selections of Giant Cassiers, Bugnons, Giant English, Odiers, etc. Pkt. 50c., $\frac{1}{8}$ oz. \$2.00, oz. \$12.00.



Delphinium Matchless Hybrids

PANSY. Chelsea Exhibition

This is the finest mixture of Pansies obtainable for forcing or outside flowering. The seed we offer is saved from a New England grower who received the Gold Medal from the Boston Horticultural Society and other certificates at various shows when exhibited. Pkt. \$1.00, $\frac{1}{16}$ oz. \$2.00.

PRIMULA. Sinensis Fimbriata. Marshall's Giant

Our strain of Primulas has been the greatest surprise to some of the most critical florists and gardeners. The seed is grown by a specialist in England, who raises nothing but Primulas and who is renowned for having the finest Primulas in the old country.

Separate Colors: **Pure White, Salmon, Deep Blue and Scarlet.** Each pkt. 50c. **Matchless Mixed**, all colors. Pkt. 25c.

SALVIA. America, or Globe of Fire.

The earliest, freest and most continuous blooming and uniform habit of all the Salvias. The bushy plants grow about 15 inches high and are covered with brilliant scarlet flowers well above the foliage making a total height of about 2 feet. Pkt. 15c.



Novelties and Specialties in Flower Seeds—Continued

SCHIZANTHUS GRANDIFLORUS MAXIMUS. Dr. Badger's Hybrids

The plants of this fine variety are more robust and the blooms much larger than any other variety. They grow about 2 feet high and the flowers measure 1½ inches across.

The foliage is fern-like, bright green, very handsome, and covered with a beautiful range of colors. Pkt. 50c.

SCHIZANTHUS Retusus. "Pink Beauty"

Flowers an exquisite shade of rose pink, without any shading, very effective as a pot plant or as cut flowers. Pkt. 50c.

SUNFLOWER. Marshall's Excelsior Hybrids

This grand novelty is a selection from the Cucumerifolius type growing about the same height and same branching habit. The colors vary from shades of red, purple, mahogany and yellow. In our trial grounds the past season we grew a few plants and the beautiful flowers produced were admired when shown in our store by many professional gardeners. For the variety of colors and qualities for cutting these Sunflowers have no equal. Pkt. 15c.



Schizanthus. Dr. Badger's Hybrids

ZINNIA. Matchless Double

We are able to offer seven distinct colors of these Giant Zinnias, which have been carefully selected. The plants are of extremely robust habit and produce flowers measuring 5 to 6 inches across, with 300 petals and upwards.

Separate Colors: Lilac, White, Purple, Crimson, Scarlet, Yellow and Rose. Pkt. 10c. Collection 6 colors, 50c., oz. \$1.00.

Matchless Mixed. All colors. Pkt. 10c., oz. 75c.

ZINNIA. Achievement

It is distinct from all other Zinnias by the shape of its petals, which are partially tubular at the base and expand in a cactus-like form towards the tip. A free and strong grower, producing very double flowers on long stalks well above the foliage. Flowers often attain a diameter of 5 to 6 inches in various shades of colors. Pkt. 35c.

NEW AMARYLLIS HYBRIDS

Hippeastrum, Veitch's and Ker's New Hybrids. The finest race of Amaryllis in cultivation; exceeding in the size and fine form of their flowers, as well as in the diversity of colors and markings, all former hybrids. The segments are of nearly uniform size, giving the flowers a regular trumpet form.

Collection of 12 Varieties. Largest bulbs, one of each for \$20.00.

EMPIRE RASPBERRY

The most promising red Raspberry grown today; having hardiness, productiveness, vigor of bush, healthiness and large handsome, firm, well-flavored fruits as its chief assets. For the garden it is far superior to other varieties as its adaptability to all kind of soils and its excellent qualities for table and canning.

Strong Canes. Doz. \$3.50, 50 for \$12.00, 100 for \$20.00.

It gives us great pleasure to announce that Vegetables grown from our Seeds secured many prizes at the shows in this vicinity and were admired by all who saw them.

Remember to order our specialties when making up your list for 1919 and you will be among the prize winners.



MARSHALL'S VEGETABLE SEEDS

WITH GENERAL DIRECTION FOR CULTIVATION

W. E. MARSHALL & CO. INC., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

NOTICE. Owing to scarcity of seeds the world over we do not guarantee the delivery of any variety. We will do our best to supply varieties ordered but reserve the right to substitute in case we cannot supply kinds ordered. W. E. M. & Co. Inc.

ARTICHOKE

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich sandy loam is best adapted for this plant. The seed should be sown in drills 1½ inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt. 10c., ½ oz. 30c., oz. 60c.

ARTICHOKE PLANTS

Large French Globe. Plants ready for shipment after April 1st. Doz. \$2.00, 100 \$15.00.

Jerusalem. Grown for the tubers, which resemble Potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt. 30c., pk. \$1.50.

ASPARAGUS

One ounce will produce about 200 plants.

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

	Pt.	Oz.	¼ lb.
Conover's Colossal. Very prolific and tender.....	\$0.05	\$0.10	\$0.25
Palmetto. A fine variety, producing large, green Asparagus.....	.05	.10	.25

ASPARAGUS ROOTS

It requires 100 plants for a single row of 150 feet.

Culture. The permanent bed should be trenched or ploughed very deeply, and well manured with rich, thoroughly decayed manure. Set the plants 18 inches apart in rows, carefully spreading out and separating the roots, and deep enough to admit of the top of the plants being covered 6 inches. In November the plants should have their annual top dressing of manure after the stalks have been cleared away.

TWO-YEAR-OLD ROOTS

	100	1000
Palmetto. Large, bright green.....	\$0.80	\$7.00
Conover's Colossal. Early deep green.....	.80	7.00
Columbian Mammoth. White.....	.80	7.00
Giant Argenteuil. Very large.....	.80	7.00

THREE-YEAR-OLD ROOTS

	Doz.	100	1000
Palmetto	\$0.25	\$1.25	\$10.00
Conover's Colossal.....	.25	1.25	10.00
Four-year-old Roots.....	.50	2.50	20.00
Forcing Clumps	1.50	10.00	

BEANS

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

DWARF SHELL BEANS

Sow in drills two feet apart as soon as warm weather has set in; soil should be light and rich; covering about two inches.

	½ Pt.	Pt.	Qt.	4 Qts.
Boston Pea or Navy. Used when dry for cooking purposes.....	\$0.20	\$0.35	\$0.70	\$2.50
White Kidney. Excellent shell, or String Bean.....	.20	.35	.70	2.50
White Marrow. For use in a dry state in Winter, or as a string Bean.....	.20	.35	.70	2.50
English Broad Windsor. Unable to procure.				



DWARF GREEN-PODDED SNAP BEANS

One quart will plant 150 feet of drill.

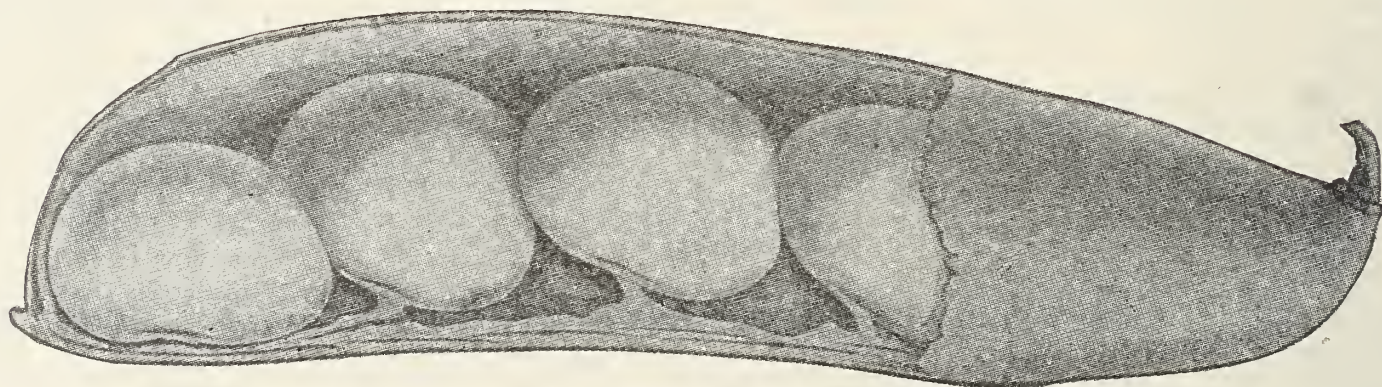
	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Black Valentine. Resembling the Valentine, but with black seed; long, round, solid pods; very early.....	\$0.20	\$0.40	\$0.80	\$3.00
Bountiful. Early, very prolific and long bearing; flat, green pods, tender and stringless.....	.20	.40	.80	3.00
Canadian Wonder. Large, green pods. Fine for table or exhibition.....	.20	.50	1.00	3.50
Dwarf Horticultural. Late and productive; flat, stringless pods.....	.25	.45	.90	3.25
Early Mohawk. Long, straight, flat pods; early, hardy and productive.....	.25	.45	.90	3.25
Extra Early Refugee. Two weeks earlier than the Late Refugee; very prolific....	.20	.40	.80	3.00
Extra Early Red Valentine. One of the earliest. Round, thick, solid pods; tender; fine flavor.....	.20	.40	.80	3.00
Giant Stringless Green Pod. This Bean is absolutely stringless. The pods are round and full.....	.20	.40	.80	3.00
Longfellow. Long, straight, round, solid green pods; very early.....	.20	.40	.80	3.00
Long Yellow Six Weeks. Verly early, with full, flat pods.....	.20	.40	.80	3.00
Masterpiece. A beautiful round, green podded variety, long straight stringless pods; fine for forcing and exhibition.....	.50	1.00	2.00	
Refugee, Late, or 1,000 to 1. Medium to late; very productive and tender. Largely grown for main crop; round pod.....	.20	.40	.80	3.00
Stringless Green Pod (Burpee's). An early, round, green-podded Bean; stringless, remains tender and crisp a long time after maturity.....	.25	.45	.90	3.25

DWARF WAX-PODDED BEANS

One quart will plant 150 feet of drill.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Black Wax, Curie's Rust Proof. Large, flat pods; early.....	\$0.20	\$0.40	\$0.80	\$3.00
Black Wax, Improved Prolific. The pods are round, and of fine quality....	.20	.40	.80	3.00
Davis White Kidney Wax. Long, waxy, white; flat pods.....	.20	.40	.80	3.00
Golden Wax, Improved. Very early; flat pods, long, stringless.....	.20	.40	.80	3.00
Golden eyed Wax. Very hardy and prolific, with flat, yellow pods.....	.20	.40	.80	3.00
Golden Scimitar, or Pencil Pod Black Wax. Long, round, yellow, stringless pods.....	.25	.45	.90	3.25
Hodson Wax. Handsome thick, flat, yellow pods. Free from blight and rust. Heavy bearer.....	.20	.40	.80	3.00
Refugee Wax. A Refugee with long, round, wax pods; stringless.....	.20	.40	.80	3.00
Valentine Wax. A perfect Valentine Bean with wax pods.....	.25	.50	1.00	3.50
Wardwell's Kidney Wax. Early; long, flat, wax pods.....	.25	.45	.90	3.25

DWARF OR BUSH LIMA BEANS



Fordhook Bush Lima Beans

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Burpee's Improved Bush Lima. A bush form of the large, flat Pole Lima..	\$0.25	\$0.50	\$1.00	\$3.75
Dreer's Bush Lima. Round, thick Beans; very prolific.....	.25	.45	.90	3.50
Fordhook Bush Lima. It is of erect habit; beans very large and heavy cropper.....	.25	.50	1.00	3.75
Henderson's Bush Lima, or Dwarf Sieva. Productive.....	.25	.45	.90	3.50
Thorburn Dwarf Lima. The finest of Limas; exceedingly productive.....	.25	.45	.90	3.50

If beans are wanted by Parcel Post add postage at zone rate. 1 lb. per pint; 2 lbs. per quart.

"MULFORD CULTURES." The use of Mulford Cultures when planting Beans will increase your yields. Small size 25c. Garden size 50c.

POLE OR RUNNING BEANS

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seed. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

Carpenteria Lima. The beans have a greenish tint; vines vigorous and very $\frac{1}{2}$ pt. productive. A perfect Lima Bean.....	\$0.25	Pt. \$0.50	Qt. \$1.00	4 qts. \$3.75
Challenger Lima. Thick and productive. Best of all.....	.25	.45	.90	3.25
Dreer's Improved Lima. A great improvement upon the large Lima, being more productive and of better quality.....	.25	.45	.90	3.25
Extra Early Jersey Lima. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness.....	.25	.45	.90	3.25
Large, White Lima. One of the best shell Beans grown. Matures in ninety days; very popular. Our seeds of this variety are extra selected, large and fine.....	.25	.45	.90	3.25
Leviathan Lima. The earliest variety of Pole Lima. Produces pods in clusters. A good variety where the season is short.....	.25	.45	.90	3.25
Small Sieva, or Carolina. Small size; early and prolific.....	.25	.45	.90	3.50
Dutch Case Knife. Pods long, green and flat; can be either snapped or shelled..	.20	.40	.75	2.75
Golden Cluster Wax. Long, golden yellow pods in cluster.....	.20	.60	1.20	4.25
Horticultural Pole. Good as a snap or shelled bean.....	.25	.45	.90	3.25
Kentucky Wonder (Old Homestead). Pods green, very long and flat.....	.25	.45	.90	3.25
Scarlet Runner. A popular English Pole Bean; very ornamental.....	.25	.45	.90	3.25
French Yard Long. A curious and interesting variety with pods 20 to 36 inches long.....	Pkt. 25cts. .60	1.25	2.50	

BEET

One ounce will sow 150 feet of drill.

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forward thin out to about 9 inches apart. The young Beets, with their tops pulled out of the row, are excellent used as Spinach.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use.....	\$0.05	\$0.25	\$0.75	\$2.00
Early Eclipse. Very early; dark blood color; small color.....	.05	.25	.75	2.25
Extra Early Egyptian. The best for first crop out of doors. The root is very dark red, flat.....	.05	.25	.75	2.50
Crosby's Egyptian. Extra early; round, dark red.....	.05	.25	.75	2.50
Crimson Globe. Fine gobular shape; flesh deep purple; fine quality.....	.05	.25	.75	2.50
Detroit Dark Red Turnip. Round; skin dark blood red; flesh bright red....	.10	.25	.75	2.50
Long Smooth Blood. A prolific variety, very dark in color.....	.10	.25	.75	2.50
Marshall's Dark-leaved Globe. A perfect globe shape, with a very dark texture and leaf.....	.10	.30	1.00	3.00
Marshall's Exhibition Globe. Very carefully selected stock. Dark red, and the finest shape Globe variety.....	.10	.30	1.00	3.00
Sutton's Globe, or Model. A perfect globe-shaped variety.....	.10	.30	.90	3.00
Swiss Chard. The roots of this variety are of no value, but the leaves are superior to those of the ordinary Beet and excellent as greens.....	.05	.25	.70	2.50
Swiss Chard, Giant Lucullus. An improved variety.....	.05	.25	.75	2.75

MANGEL-WURZEL

Sow 6 to 8 ounces per acre.

	$\frac{1}{4}$ lb.	Lb.
Champion Yellow Globe. Bright orange color; globe shaped and of excellent quality.....	\$0.60	\$2.00
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.....	.60	2.00
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.....	.60	2.00

SUGAR BEET

	$\frac{1}{4}$ lb.	Lb.
Klein Wanzeleben. The most popular variety; root conical, straight and even.....	\$0.60	\$2.00
Imperial White Sugar. An old variety of the Sugar Beet, valued for its productiveness and large percentage of sugar.....	.60	2.00
Vilmorin's Imperial Sugar. An improved French variety.....	.60	2.00



BROCCOLI

(For Cultural Directions see Cauliflower)

	Pkt.	Oz.	¼ lb.
White Cape. Heads compact and of a creamy white color.....	\$0.10	\$0.75	\$2.50

BRUSSELS SPROUTS

One ounce will produce about 2,000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts.

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall's Exhibition. The finest variety of all the Brussels Sprouts. Very large and of superior quality.....	\$0.10	\$0.50	\$1.00	\$3.00
Long Island Improved. Solid, round sprouts of the best quality.....	.10	.35	.70	2.50
Improved Dwarf. A dwarf variety, producing numerous heads.....	.10	.35	.70	2.50

CABBAGE

One ounce will produce 3,000 plants.

For early use sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use sow the seed in May.

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall First Crop. The earliest of all pointed varieties.....	\$0.25	\$0.70	\$1.25	\$4.00
Autumn King. One of the finest late varieties.....	.10	.50	1.00	3.50
Chinese, or Celery. Resembling a Cos Lettuce; the outer leaves are used as a salad or cooked.....	.10	.40	.75	2.50
Copenhagen Market. Verly early, round head; short stemmed.....	.10	.75	1.50	4.00
Danish Ball Head. Very round; solid Winter sort. A fine shipper.....	.25	1.00	2.00	6.00
Early Flat Dutch. A second early Cabbage; large, solid heads.....	.10	.50	1.00	3.00
Early Spring. An extra early Cabbage with a round, flat head.....	.10	.50	1.00	3.00
Early Jersey Wakefield. The standard early variety, conical in shape; few outside leaves.....	.10	.75	1.50	4.50
Early Winnigstadt. Conical shape; quality very good.....	.10	.50	1.00	3.50
Improved Early Summer. A superior second early sort.....	.10	.50	1.00	3.50
Large, Late Flat Dutch. The heads are large and solid, with few outer leaves...	.10	.50	1.00	3.50
Large Early York. A fine early sort; solid heads and of good size.....	.10	.50	1.00	3.50
Large, Late American Drumhead. One of the largest and best keeping varieties. Fine keeper.....	.10	.50	1.00	3.50
Succession. A week later than Early Summer. Large, solid heads.....	.10	.50	1.00	3.50

RED CABBAGE

Early Red Erfurt. A standard variety; heads solid and large size.....	Pkt.	½ oz.	Oz.	¼ lb.
	\$0.10	\$0.75	\$1.50	\$4.50
Large Red Drumhead. Heads round, solid, and deep blood red in color.....	.10	.75	1.50	4.50
Mammoth Rock Red. The largest red Cabbage; color deep red.	.10	.75	1.50	4.50
Red Stonehead. Medium size, but very solid heads.....	.10	.75	1.50	4.50

SAVOY CABBAGE

Early Dwarf Ulm. A very early dwarf variety of fine quality.....	Pkt.	½ oz.	Oz.	¼ lb.
	\$0.10	\$0.75	\$1.50	\$4.50
Perfection Drumhead. A large, improved strain. Strong and vigorous grower.....	.10	.75	1.50	4.50
Marshall's Exhibition. Medium size, beautifully curled leaves..	.10	.75	1.50	4.50



Improved Early Jersey Wakefield Cabbage

Seabright, N. J.
It gives me great pleasure to state that I won the Monmouth County Horticultural Society Cup last fall for the third time with your seeds.
Signed, H. COLLIS.



CARDOON

Large Solid. Grows about 4 feet high; leaves nearly free from spines. Pkt. 10c., oz. 35c.

CARROTS

One ounce will sow 200 feet of row.

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and $\frac{1}{2}$ inch deep. Thin out the young plants to 5 inches and keep the surface open by frequent use of the hoe.

	Pkt.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early French Forcing. Tender and fine, best for early crops and frames.....	\$0.10	\$0.15	\$0.30	\$1.00	\$3.00
Early Scarlet Horn. Very thick roots; fine for frames.....	.05	.15	.25	.75	2.50
Chantenay Half Long Stump. Style of Nantes, broader shoulder...	.05	.10	.20	.60	2.00
Danver's Half Long. Large; of good quality and productive. One of the most popular sorts.....	.05	.10	.20	.60	2.00
Half Long Stump-rooted, Nantes Strain. Very popular.....	.05	.10	.20	.60	2.00
Long Orange. For garden and field crops this is the best variety grown.....	.05	.10	.20	.60	2.00
Marshall's Exhibition. A superb intermediate variety; skin clear, bright red color.....	.10	.15	.30	1.00	3.00
Marshall's Intermediate. Fine exhibition variety.....	.10	.15	.30	1.00	3.00
Oxheart (Guerande). Very thick and short.....	.05	.10	.20	.60	2.00
St. Valery. A thick, intermediate long red.....	.05	.10	.20	.60	2.00
White Belgium. Very large; for stock.....	.05	.10	.20	.60	2.00

CAULIFLOWER

One ounce of seed produces about 3,000 plants.

By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough transplant, making the rows about $2\frac{1}{2}$ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Marshall's First and Best. Produces large and fine grained heads of snowy whiteness. It is the earliest and most solid heading variety grown.....	\$0.50	\$3.00	\$10.00
Earliest Dwarf Erfurt. The best and earliest for forcing under glass; very dwarf and compact, with short stem and small leaves.....	.50	2.50	8.00
Marshall's Extra-early Snowball. One of the best for forcing under glass or for open ground.....	.25	1.75	6.00
Dry-Weather. This variety is especially adapted for long, dry seasons.....	.25	1.75	6.00
Gilt-Edge. Large, heavy sort. The best and surest of all.....	.25	1.75	6.00
Large Early Erfurt. Popular with market gardeners for late crop.....	.10	1.00	3.00
Extra-early Paris. Heads of medium size; first class.....	.10	.75	2.50
Autumn Giant. Vigorous in growth and very large; late.....	.10	.75	2.50
Algiers. An extra fine, late variety; suitable for market and sure to head.....	.10	.75	2.50

CELERY

One ounce will sow about 300 feet of a row and produce about 5,000 plants.

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart, and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Fin de Siecle. The largest, hardiest and best keeping Winter Celery.....	\$0.10	\$0.30	\$1.00
Giant Pascal. The stalks are solid and crisp; golden yellow heart.....	.10	.30	1.00
Golden Dwarf, or Golden Heart. A distinct variety; crisp, solid; fine flavor.....	.10	.30	1.00
Golden Self-Blanching. French grown; crisp, tender and of fine flavor.....	.25	1.50	4.00
Market Red. Large and very solid. A fine table variety.....	.10	.50	1.75
Marshall's White Plume. A valuable early variety. Requires very little blanching....	.10	.50	1.50
Perfection Heartwell. Medium height and blanches well.....	.10	.30	1.00
Schumacher. A large growing sort; solid, crisp and of a fine nutty flavor.....	.10	.30	1.00
Winter Queen. Very large; solid green, Winter variety; blanches well.....	.10	.30	1.00
Celery Seed. Used for flavoring only.....		.10	1.00

CELERIAC, or TURNIP-ROOTED CELERY

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

Large Erfurt. A standard variety, producing Turnip-shaped roots.....	.10	.30	1.00
Giant Prague. The finest variety yet introduced.....	.10	.30	1.00



CHERVIL

The curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads.

Curled Chervil. The young leaves are used for flavoring soups and salads.....

	Pkt.	Oz.	¼ lb.
	\$0.10	\$0.30	\$1.00

CHICORY

Common, or Wild. Sow in June; the roots are transplanted in Autumn into sand, in a cellar. The young shoots form the Barbe de Capucin, the celebrated salad of France.....

	.05	.50	1.50
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Large-rooted Magdeburg. Used to mix with or a substitute for coffee.....

	.05	.50	1.50
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Witloof, or French Endive. The stalks when blanched are used for salad.....

COLLARDS

Sow seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia. Pkt. 5c., oz. 10c., ¼ lb. 25c.

CORN SALAD, OR FETTICUS

One ounce will sow 150 feet of drill.

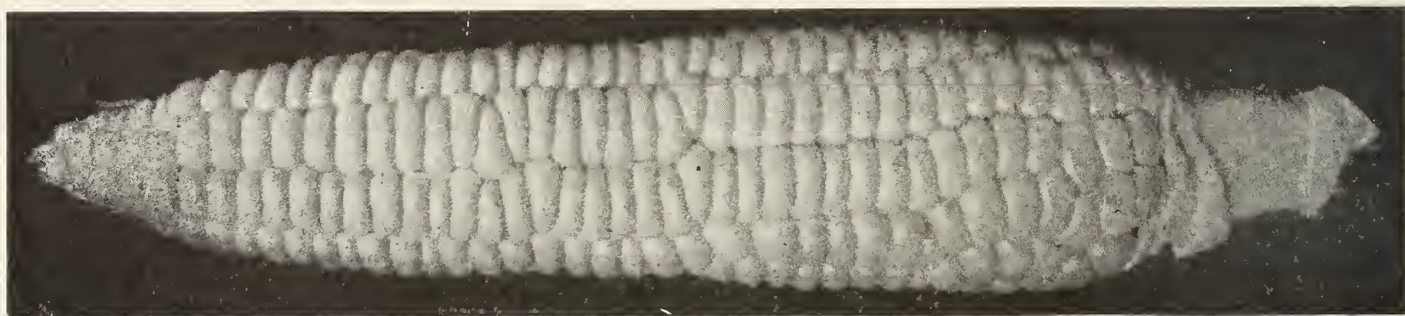
Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

Large-seeded. The most popular variety grown. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

CORN, SWEET

One quart will plant 200 hills.

Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet apart, and the plants thinned out to 8 or 9 inches in the row. From May until the middle of July a succession planting can be made every two or three weeks, and a continued supply can be had until frost kills the plants.



Golden Bantam Sweet Corn

EXTRA-EARLY

Early Mayflower. One of the earliest white-seeded varieties. Long, well ½ pt. filled ears.....	\$0.15	\$0.30	\$0.60	\$2.00
Early Minnesota. One of the earliest varieties grown. Dwarf; ears small....	.15	.25	.50	1.75
Golden Bantam. Extra early; yellow; very sweet and tender.....	.20	.40	.75	2.50
Golden Rod. Very early, golden grains and sweet flavor.....	.20	.35	.70	2.50
Howling Mob. An early variety of large size ears; white, sweet grains.....	.20	.35	.70	2.50
Kendel's Giant. Large variety and fine quality.....	.15	.25	.50	1.75
Mammoth White Cory. Ears double the size of the old Cory.....	.15	.25	.50	1.75
Red Cory. Early, tender and sweet.....	.15	.25	.50	1.75

SECOND EARLY

Crosby's Early. One of the standard early sorts.....	.15	.25	.50	1.75
Early Champion. Large; white cob; very sweet.....	.15	.25	.50	1.75
Early Evergreen. Ripens about ten days earlier than Stowell's Evergreen....	.15	.25	.50	1.75
Early Mammoth. Ten days earlier than Mammoth.....	.15	.25	.50	1.75
Metropolitan. Large, handsome ears of fine quality.....	.15	.25	.50	1.75

GENERAL AND LATE

Black Mexican. The sweetest and most delicious variety grown.....	.15	.25	.50	1.75
Country Gentleman. Ripens about the same time as Stowell's Evergreen. Ears medium size; deep grains in irregular rows on cob and deliciously sweet.....	.20	.35	.70	2.50
Late Mammoth. The largest late variety grown.....	.15	.25	.50	1.75
Stowell's Evergreen. The most popular variety grown; ears large and very sweet.....	.20	.30	.60	2.00

Packets of all varieties of Corn 10c. each, post free.

POP-CORN, White Rice. Shelled. Lb. 25c.



CRESS, OR PEPPERGRASS

One ounce will sow 150 feet of drill.

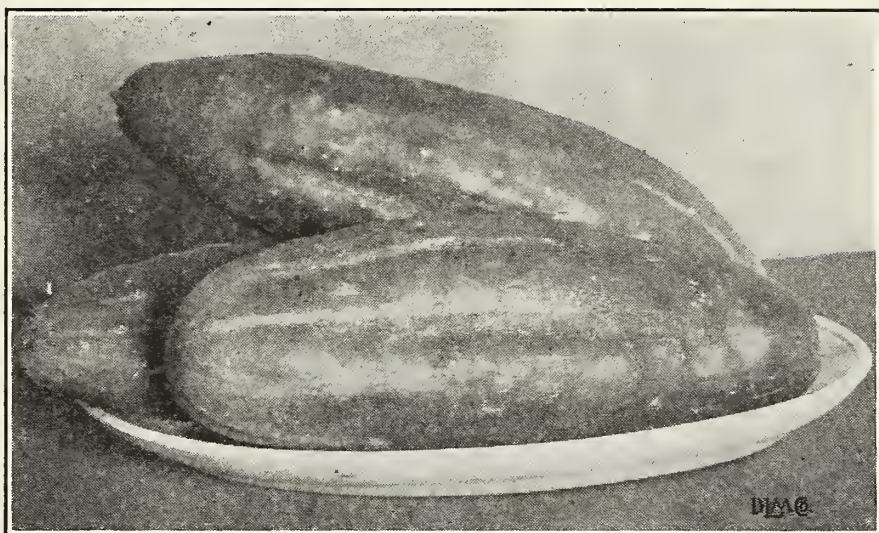
A popular salad which should be sown early in the Spring very thickly in shallow drills and at short intervals for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing.....	Pkt. \$0.05	Oz. \$0.15	¼ lb. \$0.50	Lb. \$1.50
Upland, or Broad-leaved Winter. A garden substitute for Water Cress; crisp, tender and perfectly hardy.....	.05	.15	.50	1.50
True Water Cress. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.....	.10	.60	2.00	

CUCUMBERS

One ounce to 60 hills, 2 to 3 pounds to one acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered hellebore. Leave four strong plants to each hill.



Cool and Crisp Cucumber

	Pkt.	Oz.	¼ lb.
Cool and Crisp. A strain of White Spine; flesh peculiarly crisp and tender.....	\$0.05	\$0.20	\$0.60
Davis Perfect. An excellent variety both for outdoors and forcing purposes.....	.05	.20	.60
Early Cluster. Prolific, tender and crisp; about 5 inches long; good color.....	.05	.20	.60
Early Fortune. Very dark green skin, flesh thick, seed cavity small and excellent quality, for table use or pickles.....	.05	.25	.75
Everbearing. Valuable as a green pickler.....	.05	.20	.60
Extra Long White Spine. Much longer than ordinary White Spine; very prolific...	.05	.20	.60
Fordhook Famous. The largest and most handsome garden variety. The skin is a bright green.....		.20	.60
Green Prolific Pickling. Dark green; medium strength; very free bearer.....	.05	.20	.60
Improved Long Green. Long and crisp; a popular variety for pickles.....	.05	.20	.60
Improved White Spine. Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent.....	.05	.20	.60
Japanese Climbing. This is a strong and vigorous grower; fine for pickling.....	.05	.20	.60
West Indian Gerkin. Used only for pickles; the smallest of all varieties.....	.05	.25	.75
Lemon Cucumber, or Garden Lemon. An almost round variety; yellow and green markings; tender and of sweet flavor; resembles a lemon in appearance.....	.05	.25	.75

ENGLISH CUCUMBERS FOR FRAMES

Telegraph, Duke of Edinburgh, Tender and True, Covent Garden Favorite, Lockie's Perfection, Sutton's Matchless. Each packet of 10 to 15 seeds, 30c.

DANDELION

The Dandelion affords one of the earliest and most healthful Spring greens or salads.

Improved French. Large thick leaves. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

ENDIVE

One ounce of seed for 100 feet of drill.

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart, in rows and when well grown blanch by folding the leaves.

	Pkt.	Oz.	¼ lb.
Broad-leaved (Escarolle). Leaves long and broad; thick and succulent.....	\$0.05	\$0.25	\$0.80
Green Curled. Hardy, finely curled; easily blanched. One of the best.....	.05	.25	.80
White Curled. Blanches rapidly; excellent and very tender.....	.05	.25	.80



EGG PLANT

One ounce will produce about 2,000 plants.

The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April, and when about an inch high put in 2 inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room where the temperature will average 75 degrees.

	Pkt.	½ oz.	Oz.	¼ lb.
Black Beauty. As large as New York Improved but ten days earlier.....	\$0.10	\$0.40	\$0.80	\$2.50
Long Purple. Fruit longer and smaller than the above sort; hardy; productive...	.10	.40	.75	2.50
New York Improved. Purple; the best variety; very large, oval, heavy fruit...	.10	.40	.75	2.50

KALE, OR BORECOLE

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating Cabbage.

	Pkt.	Oz.	¼ lb.
Curled Dwarf Green Scotch. Very dwarf and spreading; best strain.....	\$0.05	\$0.30	\$1.00
Marshall's Exhibition Curled. Closely curled leaves.....	.10	.60	2.00
Curled Siberian Improved. Uniformly dwarf; green curled; hardy.....	.05	.30	1.00
Sea Kale. Very fine; resembles Celery.....	.10	.50	1.75

KOHL-RABI

One ounce will sow 300 feet of row

Cultivate the same as the Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

	Pkt.	½ oz.	Oz.	¼ lb.
Early White Vienna. Handsome and delicate.....	\$0.10	\$0.20	\$0.40	\$1.50
Early Purple Vienna. Similar to the preceding, except in color. ....	.10	.20	.40	1.50
Large White, or Green. Forms a large ball; not so fine, but more productive.....	.05	.15	.30	1.00

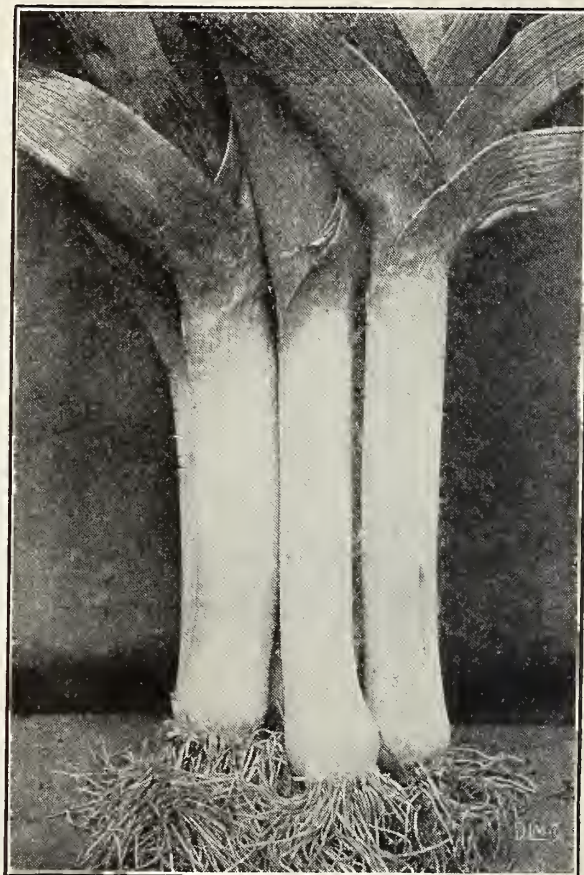
LEEK

One ounce will sow 200 feet of drill.

The Leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart, When 6 to 8 inches high transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

Marshall's Giant. The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation, of a mild and delicious flavor.....

	Pkt.	Oz.	¼ lb.
.....	\$0.10	\$0.80	\$2.50
Large American Flag. The most desirable for market or family use.....	.05	.40	1.50
Musselburgh, or Carentan. A very large variety of superior quality.....	.10	.40	1.50



Marshall's Giant Leek

LETTUCE

One ounce will sow 200 feet of drill.

Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the beds be about 4 inches apart. As they increase in size thin them out or they will become weak. Plant for late use in a cool, partially shaded place in rich soil.

CABBAGE, or HEADING VARIETIES

	Pkt.	Oz.	¼ lb.
All Heart. A beautiful yellowish green head Lettuce. Withstands intense heat. Fine for the private garden.....	\$0.05	\$0.20	\$0.60
All Seasons. Large, handsome, extremely solid head; color a light grayish green.....	.05	.20	.60
Boston Market. Solid, crisp and compact. One of the best for forcing.....	.05	.20	.60
Big Boston. Fine for forcing in coldframes or for open ground.....	.05	.20	.60
Deacon. A splendid variety for standing the Summer heat; large, solid head.....	.05	.20	.60
Giant Crystal Head. Large, solid; outside leaves bright green, inside white.....	.05	.20	.60
Golden Queen. A good forcing variety of a golden yellow color; heads solid.....	.05	.25	.60



LETTUCE--Continued

	Pkt.	Oz.	¼ lb.
Hanson Improved. Heads large, hearts quickly, and stands the Summer well.....	\$0.05	\$0.20	\$0.60
Iceberg. Large, solid heads; yellow heart; very crisp.....	.05	.20	.60
Mammoth Black-seeded Butter. A large head Lettuce of splendid quality.....	.05	.20	.60
Marshall's Matchless. Large, extremely solid, compact heads; very sweet and tender.....	.10	.60	2.00
May King. Extra large, solid heads; light green outside, with clear yellow heart; very tender and of fine flavor; spendid forcer.....	.05	.20	.60
Mignonette. Distinct russet colored; very solid and compact.....	.05	.20	.60
New York Cabbage. Large, solid heads; inside very white.....	.05	.20	.60
Improved Salamander. Large heads that stand the drought and heat.....	.05	.25	.60
Tennis Ball (Black seeded). A very distinct compact head with few outer leaves....	.05	.25	.60
Way Ahead. The leaves are light green, heads blanched to a rich yellow tint.....	.10	.30	.75
White Summer Cabbage. A fine Summer variety; heads of good size.....	.05	.25	.60
Wonderful. It stands the heat well, making a fine variety for all seasons.....	.05	.20	.60

CURLED, or LOOSE-LEAVED VARIETIES

Black-seeded Simpson. Nearly double the size of Curled Simpson.....	.05	.25	.60
Early Curled Simpson. One of the earliest and best for market.....	.05	.25	.60
Grand Rapids. This is regarded as the best forcing loose-leaved variety.....	.05	.20	.60

ROMAINE, or COS VARIETIES

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality. They produce long, narrow leaves, blanched by drawing in the outer leaves and tying.

Eclipse Cos. A perfectly distinct variety. It is the dwarfest Cos Lettuce.....	Pkt. \$0.10	Oz. \$0.40	¼ lb. \$1.25
Paris White Cos, Romaine. One of the finest varieties for Summer use.....	.05	.20	.60
Trianon Cos. The long, narrow leaves, which form solid heads, bleach and quickly become snowy white.....	.05	.20	.60



Eclipse Cos Lettuce

MELON, MUSK

One ounce will plant 60 hills.

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up, and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground.

	Pkt.	Oz.	¼ lb.
Defender. One of the best yellow-fleshed sorts; medium size, oval in shape.....	\$0.10	\$0.20	\$0.60
Emerald Gem. Small, early; dark green skin, orange flesh; very sweet.....	.05	.20	.60
Fordhook. The flesh is very thick, of a deep salmon color.....	.05	.20	.60
Hackensack. Large, round and good quality.....	.05	.20	.60
Harute. Very large, beautifully netted. Flesh solid and pale yellow when ripe.....	.25	.75	2.50
Honey Dew. Large round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor.....	.10	.50	1.50
Hoodoo. Nearly round, about the size of Rocky Ford; flesh rich, deep orange.....	.05	.20	.60
Jenny Lind. Small, green fleshed; very early; good quality.....	.05	.20	.60
Long Island Beauty. The earliest and finest in quality; green flesh.....	.05	.20	.60
Marshall's Matchless. A very large and excellent quality Melon. Flesh a fine salmon-scarlet with a very small seed cavity and delicious flavor.....	.25		
Montreal Market. Large, round netted; flesh thick and light green; late.....	.05	.20	.60
Netted Gem, Round. Very early; small and of fine flavor; green flesh.....	.05	.20	.60
Orange Christina. Round; very sweet and very early; orange flesh.....	.05	.20	.60
Paul Rose. Oval; rich orange flesh; very sweet.....	.05	.20	.60
Rocky Ford. Very sweet and fine flavored; oblong.....	.05	.20	.60
Tip Top. A slightly oval shape and yellow-flesh variety; fine flavor.....	.05	.20	.60

ENGLISH FORCING VARIETIES

	Per Pkt.		Per Pkt.
Blenheim Orange. Scarlet flesh.....	\$0.30	Sutton's A1. Scarlet flesh.....	\$0.30
Diamond Jubilee. Greenish white flesh.....	.30	Sutton's Emerald Gem. Green flesh.....	.30
King George. Scarlet flesh.....	.50	Superlative. Scarlet flesh.....	.30
Marshall's Eminence. A grand hot-house variety.		Beautifully netted and delicious flavor.....	.50



MELON, WATER

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

	Pkt.	Oz.	¼ lb.
Citron. Round and handsome; for preserving; red seed.....	\$0.05	\$0.15	\$0.40
Cole's Early. Medium size; red flesh; green skin.....	.05	.15	.40
Cuban Queen. Solid and heavy; skin marked regularly.....	.05	.15	.40
Florida Favorite. A superior strain; oblong; green-white stripes.....	.05	.15	.40
Fordhook, Early. Flesh bright red; very sweet.....	.05	.20	.60
Hungarian Honey. A very early sort; perfectly round; flesh red.....	.05	.20	.60
Kleckley Sweets. Exceedingly sweet and fine flavored.....	.05	.15	.40
Kolb Gem. Large; bright red flesh of fine quality.....	.05	.15	.40
Mammoth Iron-clad. Light green skin, striped dark green.....	.05	.15	.40
Mountain Sweet. Flesh red; late.....	.05	.15	.40
Sweetheart. Very large; bright skin.....	.05	.15	.40
Tom Watson. Dark green rind with deep red flesh, very large oblong shape.....	.05	.15	.40

MUSHROOM SPAWN

Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate, and in the open air during the Summer and Fall months. Having procured the spawn, the next thing to be attended to is to make preparation for the beds. About two or three weeks before the beds are to be made collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up lay out your bed, according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it down well with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed; then cover the bed with 2 inches of rich soil. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry give a gentle watering with tepid water, using a rose on the watering pot. Good crops of Mushrooms can be obtained by spawning the hotbeds in Spring

Pure Culture No. 9 Direct Bricks. An American made spawn which produces large crops of large size, and excellent quality Mushrooms. Per brick, 35c., 10 bricks for \$3.00, 50 bricks \$14.00.

MUSTARD

One ounce will sow 100 feet of drill.

For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

	Pkt.	Oz.	¼ lb.	Lb.
White London. The best variety for salad.....	\$0.05	\$0.15	\$0.35	\$1.00
Giant Southern. Curled. Very large leaves.....	.05	.15	.35	1.00

OKRA, OR GUMBO

One ounce will plant 100 hills.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green. Very early; smooth pods.....	\$0.05	\$0.10	\$0.30	\$1.00
Long Green. Long ribbed pods; very productive.....	.05	.10	.30	1.00
Perkin's Improved. Pod very tender, long and deep green.....	.05	.10	.30	1.00
White Velvet. Tender white pods; smooth and velvety in appearance.....	.05	.10	.30	1.00

ONION SETS

Three quarts will plant 100 yards of row.

Onion Sets should be planted early in the Spring in rows 12 inches apart, placing the sets 4 inches apart in the row. When raised from sets, the Onion can be used in the green state in June, or they will be matured by July.

	Lb.	5 lbs.	10 lbs.		Lb.	5 lbs.	10 lbs.
Red Onion Sets	\$0.25	\$1.00	\$2.00	White Multipliers	\$0.25	\$1.00	\$2.00
White Onion Sets.....	.25	1.00	2.00	Shallots.....	.30	1.25	2.50
Yellow Onion Sets.....	.25	1.00	2.00	Garlic.....	.35		

Prices of Onion Sets are subject to market changes.



ONION

One ounce will sow 200 feet of drill. 4 to 5 pounds to the acre.

Sow in drills 1 foot apart and cover about one-third of an inch, treading or rolling after sowing so that the hot dry atmosphere may not destroy the sprouting seed. When 3 inches high thin to 2 inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

RED VARIETIES

	Pkt.	½ oz.	Oz.	¼ lb.
Large Red Wethersfield. Half early and a good keeper; large size.....	\$0.05	\$0.20	\$0.35	\$1.00
Large Red Globe (Southport Strain). The finest large red sort.....	.05	.25	.45	1.50
Early Red Flat. Medium size; very early; deep red; mild flavor.....	.05	.20	.35	1.00

WHITE VARIETIES

Early White Barletta. A small white Italian sort; very early.....	.05		.40	1.50
White Queen. Pure white, small, flat; fine for pickling.....	.10	.25	.40	1.50
Large White Portugal. The large, flat sort of the New York markets.....	.05	.25	.50	1.50
Marshall's Large White Globe (Southport Strain). Very large and handsome.....	.05	.25	.50	1.75
Mammoth White Garganus, or Silver King. Large, silvery white.....	.10	.25	.50	1.75
White Tripoli. Large, white, Italian variety.....	.10	.30	.60	2.00

YELLOW VARIETIES

Marshall's Ailsa Craig. The skin is a pale straw color and oval in shape; excellent for exhibition purposes.....	.15	.60	1.20	4.50
Cranston's Excelsior. Inclined to gobular in shape and of a beautiful straw color.....	.15	.60	1.20	4.50
Danver's Yellow. A round, standard sort; early and a good keeper.....	.05	.20	.40	1.50
Marshall's Giant Gibraltar. Fine exhibition variety.....	.10	.50	1.00	3.50
Yellow Globe Danvers (Southport Strain). Of more gobular shape; keeps well.....	.05	.20	.40	1.50
Marshall's Invincible Giant. New. (See Novelties).....	.25	1.00	2.00	
Yellow Prizetaker. Immense size; globe shaped.....	.05	.20	.40	1.50
Chives Seed. For flavoring.....	.25			

PARSLEY

One ounce will sow 200 feet of row.

Sow as early as possible in Spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Marshall's Dwarf Perfection. A dwarf and compact Parsley of bright green color, Pkt. Oz. ¼ lb.
exquisitely curled...\$0.10 \$0.35 \$1.00

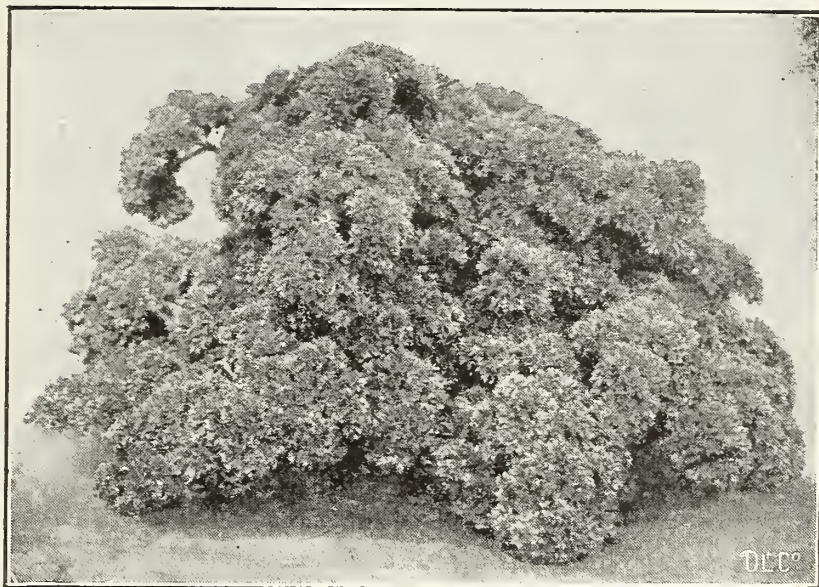
Marshall's Crested Gem. Fine closely cut foliage with dwarf compact habit..... .10 .50 1.50

Extra Double Curled. A beautiful curled dwarf variety..... .05 .20 .50

Moss Curled. A distinct variety; beautifully crimped and curled.....\$0.05 \$0.20 \$0.50

Turnip Rooted. Grown for its roots which are used in flavoring soups..... .05 .15 .40

Plain. A plain-leaved variety; fine for flavoring..... .05 .15 .35



Marshall's Dwarf Perfection Parsley

PARSNIP

One ounce will sow 200 feet of drill.

Sow Parsnip seed as early in Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground through the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost.

Marshall's Marrow. A grand selection, clean white, long roots; fine for Pkt. Oz. ¼ lb. Lb.
exhibition and family use. The finest stock in this country.....\$0.10 \$0.30 \$0.80 \$2.50

American Hollow Crown. Long, smooth and milky white..... .05 .25 .75 2.25

Early Round. Adapted to shallow soils; early and good flavor..... .10 .30 .80 2.25



PEAS

One quart will plant about 150 feet of drill.

Peas mature earliest in a light, rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March, and continue for a succession every two weeks until July.

The Crops of Garden Peas in 1918 for seed purposes were almost a total failure. Our stocks are limited on some varieties and we will substitute other kinds in case we cannot supply the varieties ordered.

EXTRA EARLY PEAS

	Height in feet	$\frac{1}{2}$ Pint	Pint	Quart	4 Qts
Alaska. One of the very earliest blue Peas; quite productive.....	2½	\$0.20	\$0.35	\$0.70	\$2.50
Blue Bantam. A fine extra early wrinkled Pea. Large pods well filled with deep green, fine flavored peas.....	1½	.25	.45	.90	3.50
Extra-Early Market, Marshall's. A standard extra early Pea; pro- ductive and profitable to grow.....	2½	.25	.50	1.00	3.50
First of All. Selected strain of extra earlies.....	2½	.20	.40	.80	3.00
Gradus. The finest extra-early Pea. The pods are very large and well filled, with large wrinkled green peas.....	3	.25	.50	1.00	3.50
Laxtonian. Very large, dark green, curved pods and Peas of finest flavor; great yielder; very early.....	1½	.25	.50	1.00	3.75
Little Marvel. A few days earlier than Nott's Excelsior and with larger pods. Remarkably prolific.....	2	.25	.50	1.00	3.75
Nott's Excelsior. Splendid early wrinkled sort; very prolific.....	1	.20	.40	.80	3.00
Sutton's Excelsior. An extra-early dwarf wrinkled Pea; pods filled with large peas of the finest flavor.....	1	.25	.50	1.00	3.50
Superb Laxton's. Early semi-wrinkled variety.....	1½	.35	.65	1.25	....
Thomas Laxton. Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor.....	3	.25	.50	1.00	3.50

MEDIUM CROP PEAS

Abundance. Very large wrinkled Peas. Two weeks later than the extra early varieties.....	1½	.25	.45	.90	3.50
Advancer, McLean's. A fine standard sort of excellent quality.....	2½	.20	.40	.80	3.00
Champion of England. Well known standard variety. Sow thickly.....	5	.25	.50	1.00	3.75
Dwarf Champion, or Juno. Dwarf form of Champion of England.....	2	.25	.45	.90	3.50
Duke of Albany (American Champion). Immense pods.....	5	.25	.45	.90	3.50
Everbearing. Long pods, large Pea. Sow thickly.....	2½	.25	.45	.90	3.50
Heroine. A medium early green wrinkled Pea.....	2	.25	.45	.90	3.50
Marchioness. A grand wrinkled Pea for general crop.....	3	.30	.60	1.20	4.50
Market Garden. In the style of Advancer; very prolific.....	2½	.20	.40	.80	3.00
Prince Edward. Branching habit, large pods filled with Peas right to the end; very prolific.....	4	.20	.40	.80	3.00
The Admiral. A valuable second early variety; medium size deep green Peas. Vines strong and vigorous.....	4	.20	.40	.80	3.00

MAIN CROP PEAS

Alderman. One of the finest of the large podded main crop varieties. Pods measure nearly six inches, well filled.....	5	.25	.45	.90	3.50
Quite Content. A giant podded variety, very prolific.....	5	.25	.50	1.00	3.75
Telephone. A tall growing late sort, having pods of very large size, containing six or seven peas of delicious flavor.....	5	.25	.50	1.00	3.50
Telegraph (L. I. Mammoth). Large pods and Peas; excellent.....	4	.20	.40	.80	3.00
White Marrowfat. A favorite; heavy yielder.....	4	.20	.40	.80	3.00
Black-Eyed Marrowfat. Very hardy and prolific; for market.....	3	.20	.40	.80	3.00

SUGAR PEAS (Edible Pods)

In Sugar Peas the pods are gathered, broken, and cooked like string-beans when the Peas start to develop in the pod or have reached about half their full size.

Gray-Seeded Sugar. Immense pods.....	3	.20	.40	.80	3.00
Tall Melting Sugar. One of the best edible pod sorts.....	5	.25	.50	1.00	3.50

"MULFORD CULTURES" or FARMOGERM (For Peas)

Peas yield earlier, longer and better crops when treated with Mulford Cultures. Small size, 1/8 acre, 25c. Garden size, 1/4 acre, 50c. Farmogerm Garden size 50c.



PEPPER

One ounce will produce 2000 plants

Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. The plants may also be forwarded in small pots.

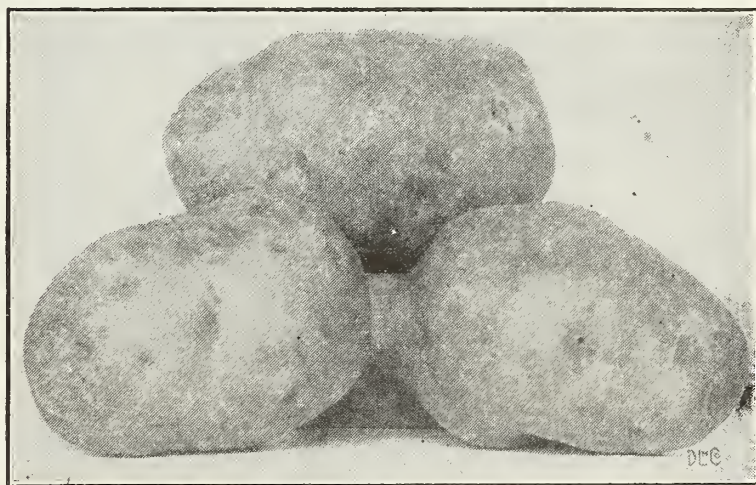
	Pkt.	½ oz.	Oz.	¼ lb.
Cayenne, Long Red. Bright red slender pods; 3 inches long.....	\$0.05	\$0.40	\$0.75	\$1.50
Chinese Giant. Very large; bright scarlet.....	.10	.50	1.00	3.00
Large Bell, or Bull Nose. Large, bright red; largely used for pickling, mild flavor.....	.10	.50	1.00	3.00
Magnum Dulce. Very large; flesh mild and sweet.....	.10	.50	1.00	3.00
Marshall's Perfection. Very smooth and uniform in shape; sweet and delicate, and entirely free from pungency. Color when ripe a beautiful scarlet red.....	.10	.50	1.00	3.00
Red Chili. Very productive; very small; red and very pungent.....	.05	.40	.75	2.50
Red Cluster. A new type of Chili, with upright, bright red fruits.....	.05	.40	.75	2.50
Ruby King. Bright red, 4 to 6 inches long; best for stuffing.....	.10	.50	1.00	3.00
Sweet Mountain. Large size; regular handsome shape; mild flavor.....	.10	.50	1.00	3.00
Sweet Spanish. Large; mild; used for salad.....	.10	.50	1.00	3.00
Upright Sweet Salad. Color bright scarlet; flesh mild and very sweet.....	.10	.50	1.00	3.00

POTATOES

GROWN EXPRESSLY FOR SEED IN MAINE

Peck will plant 100 ft. row. Ten bushels cut tubers will plant 1 acre.

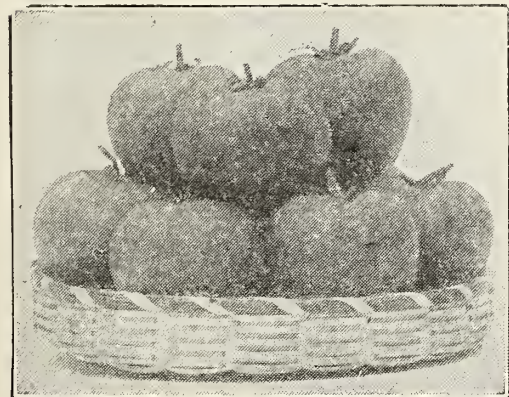
The Potato, like the robust-growing vegetable can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil, about 4 inches deep.



Irish Cobbler Potato

Beauty of Hebron. Slightly flesh colored skin, with pure white flesh; very productive and of the finest quality.....	Peck \$0.80	Bus. \$3.00	Bag \$9.00
Dibble's Russet. This is the best main crop Potato in cultivation. The tubers are round to oblong in shape, good size, white flesh and covered with a russet skin. The quality when cooked cannot be excelled. It also has great disease resistant and blight proof properties. The seed we offer is from the original grower in New York state.....	1.00	3.50	10.00
Early Rose. Very early; fine quality; very productive, skin shaded rose color.....	.80	3.00	9.00
Green Mountain. Oval shape; white skin and flesh; heavy yielder; good for Winter use.....	.80	3.00	9.00
Irish Cobbler. One of the best extra early varieties; very large white and heavy cropper; of excellent quality.....	.80	3.00	9.00

Owing to being unable to obtain certified stock we have eliminated several varieties from our list this season.



Potato Seed Balls—One-third Size

At the time of going to press with this Catalogue the Potato market is so unsettled that prices are subject to change. We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Unpriced orders will be filled at the prevailing market prices at time of shipment.

Potatoes are forwarded by express or freight as directed, purchaser paying charges.

POTATOES FROM SEED

Growing new and distinct Seedling Potatoes from the seed ball is interesting. They will produce new kinds, shapes, sizes and colors. All valuable new varieties are produced from just such seeds. Pkt. 15c.



PUMPKIN

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

	Pkt.	Oz.	¼ lb.	Lb.
Connecticut Field. Grown in Corn fields for stock.....	\$0.05	\$0.20	\$0.60	\$1.50
Cutshaw Striped. A splendid striped crook-neck variety.....	.05	.20	.60	2.00
Early Sugar. Fine grained; small; yellow.....	.05	.20	.60	2.00
Large Cheese. Flat; the best variety for small family use.....	.05	.20	.60	2.00
Mammoth King. Grows to an enormous size.....	.05	.20	.60	2.00
Mammoth Tours. A very large French variety.....	.05	.20	.60	2.00
Quaker Pie. Very prolific and a good keeper; fine for pies.....	.05	.20	.60	2.00
Red Etampes. Medium size; flat; very productive.....	.05	.20	.60	2.00



French Breakfast Radish

RADISH

One ounce of seed will sow 150 feet of drill.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hotbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

Winter varieties should be sown in July and August.

FORCING VARIETIES

Early Scarlet Turnip Forcing. Crisp; very early. Pkt. 10c., oz. 30c., ¼ lb. 75c., lb. \$2.50.

Deep Scarlet Turnip Forcing. Round, short leaved, crisp; very early. Pkt. 10c., oz. 30c., ¼ lb. 75c., lb. \$2.50.

	Pkt.	Oz.	¼ lb.	Lb.
Scarlet Turnip White-Tipped Forcing. Round, very early.....	\$0.10	\$0.30	\$0.75	\$2.50
Non Plus Ultra. Extra early scarlet forcing.....	.10	.30	.75	2.50
Early Scarlet Globe. Fine for forcing or open ground.....	.05	.25	.75	2.50
French Breakfast Forcing (White-tip Rocket). Very rapid growing; tender and crisp.....	.10	.30	.75	2.50

OUTDOOR VARIETIES

Turnip, Marshall's Perfection. Brilliant red with white tip extending nearly half way up the root.....	.10	.30	1.00	3.00
Turnip, Early Scarlet. Very early. The French favorite.....	.05	.20	.60	2.00
Turnip, Scarlet White-Tipped. Very early for frames or outdoors.....	.05	.20	.60	2.00
Turnip, Early White, or Box. Flesh pure white and sweet.....	.05	.20	.60	2.00
Turnip, Crimson Giant. Suitable for forcing or outdoors; flesh very tender and crisp.....	.10	.25	.75	2.50
Turnip, Triumph (Speckled Beauty). Very prettily striped or mottled scarlet or white; fine forcer.....	.10	.25	.75	2.50
Turnip, Large White Summer. Of large size; roundish shape.....	.05	.20	.60	2.00
Olive-Shaped French Breakfast. Pink and white; early.....	.05	.20	.60	2.00
Olive-Shaped Deep Scarlet. Crisp; very early.....	.05	.20	.60	2.00
Olive-Shaped White. Mild and fine for Summer.....	.05	.20	.60	2.00
Long Scarlet Short Top. Very long; for frames or outdoors.....	.05	.20	.60	2.00
Long White Vienna, or Lady Finger. Crisp and tender in Summer.....	.05	.20	.60	2.00
Long Icicle. Pure white; of fine flavor; suitable for forcing.....	.05	.20	.60	2.00

WINTER VARIETIES

Scarlet Chinese. Very handsome and distinct and keeps well.....	.05	.20	.60	2.00
Long Black Spanish. The popular Winter sort.....	.05	.20	.60	2.00
Half-Long Black Spanish. Very fine strain.....	.05	.20	.60	2.00
Round Black Spanish. Fine for Winter.....	.05	.20	.60	2.00
California White Mammoth. A very large Winter variety.....	.05	.20	.60	2.00
Sakurajima (Mammoth Japan). The largest sort in cultivation.....	.10	.25	.75	2.50



RHUBARB

One ounce will produce 1,000 plants

Sow in April in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the root into deep, rich soil, 3 feet apart each way.

Victoria. Very large; later than the Linnæus. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Rhubarb Roots. Extra strong. Each 15c., doz. \$1.50, 100 \$12.00.

Rhubarb Roots. For forcing. Each 25c., doz. \$2.50, 100 \$20.00.



New Zealand Spinach

started in a hot bed and transplanted or sown out-of-doors when the ground is warm, allowing 2 feet between the plants.....

Long Standing. Of delicious, tender quality; dark green.....	\$0.05	\$0.25	\$0.75	\$2.50
Savoy-Leaved, or Bloomsdale. Large, tender curled leaves.....	.05	.15	.40	1.25
Round Thick-Leaved. The variety in most general use; equally good for Spring or Autumn sowing.....	.05	.15	.40	1.25

Victoria. A new variety with thick dark-green leaves. Best long standing Spinach.....

Viroflay Thick-Leaved. A standard sort, equally good for early Spring or Fall sowing, leaves are thick, succulent and tender.....

Prickly, or Winter. Vigorous and hardy, recommended for Fall sowing.....

Owing to conditions in Europe the prices of Spinach are subject to changes

SORREL

One ounce will sow 150 feet of drill.

Used cooked as Spinach or to mix with salads. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large-Leaved French. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

SWISS CHARD, OR SPINACH BEET

This Beet produces leaves only; excellent as greens. Cultivate same as Spinach, sowing the seed in early Spring, in drills $1\frac{1}{2}$ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

Swiss Chard. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 70c., lb. \$2.50.

Giant Lucullus. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.75.

SALSIFY, OR OYSTER PLANT

One ounce will sow 150 feet.

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Mammoth Sandwich Island.			
True. Large and superior; very fine flavor.....	\$0.10	\$0.50	\$1.50

Long Black, or Scorzonera.			
Resembles long white, but black.....	.10	.50	1.50

SPINACH

One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
New Zealand. Makes a low spreading plant from which delicious, tender greens can be gathered the entire Summer. May be				



Swiss Chard



Hubbard Squash

SQUASH

*One ounce Early Squash will plant about 50 hills.
One ounce Marrow Squash will plant about 25 hills.*

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.

BUSH VARIETIES

Improved Early White Bush Scallop.

A good early shipping variety. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c.

Giant Summer Crookneck. Double the size of Summer Crookneck. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Golden Custard. Fine quality and cooks tender. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Golden Summer Crookneck. Yellow fruit; distinct; best for Summer.....	\$0.05	\$0.25	\$0.75
Cocozelle Bush. A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green.....	.05	.25	.75
Yellow Bush Scallop. The popular yellow variety.....	.05	.25	.60

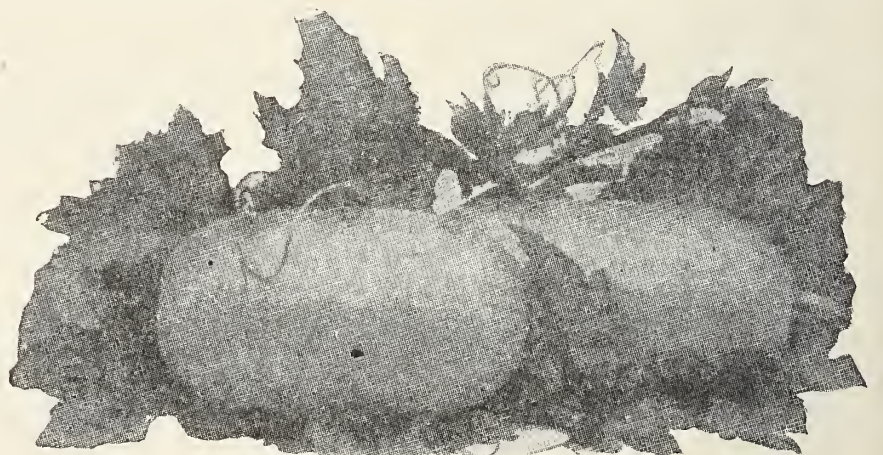
RUNNING VARIETIES

Boston Marrow. Oval; bright orange; flesh yellow and fine.....	.05	.20	.60
Delicious. Green skin; orange flesh; fine grained; sweet and dry.....	.05	.20	.60
Essex Hybrid. A good Fall and Winter sort.....	.05	.20	.60
Fordhook. One of the best Winter sorts; fine quality.....	.05	.20	.60
Golden or Red Hubbard. Flesh deep golden yellow; fine for private use.....	.05	.25	.75
Improved Hubbard. Well known and liked for late use.....	.05	.25	.75
Hubbard Mammoth Warted. Very large, covered with warts. Fine keeper.....	.05	.25	.75
Mammoth Chili. Rich orange flesh; grows to an enormous size.....	.05	.25	.75
Perfect Gem. Round, white, fine quality; good for Fall or Winter.....	.05	.20	.60
Winter Crookneck. One of the best Winter sorts.....	.05	.20	.60
Vegetable Marrow. A favorite English sort; skin greenish yellow; flesh white.....	.05	.25	.75

ENGLISH VEGETABLE MARROWS

The following varieties are well adapted for growing in this climate.

	Pkt.	Oz.
Long Green Bush. Fruits long pale green; rich flavor....	\$0.10	\$0.40
Long White Bush. Creamy white; very prolific.....	.10	.40
Long Cream. Very long, pale cream color; trailing sort.....	.10	.40



White Bush Vegetable Marrow

TOBACCO SEED

One ounce will produce plants for one acre.

Connecticut Seed Leaf. Suitable for growing in these latitudes; used for cigar wrappers. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.50.

Imported Havana. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

We have to depend upon European countries for many varieties of Seeds for our supplies, and owing to conditions prohibiting imports, we reserve the right to change prices and substitute varieties if we are unable to supply kinds ordered.



TOMATO

One ounce will produce 1,000 plants.

Sow thinly about the first week in March in a hotbed, greenhouse, window or sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart.

	Pkt.	½ oz.	Oz.
Marshall's Prolific. The finest medium-sized Tomato for forcing or outdoor planting. It is an enormous cropper, producing large clusters of bright scarlet fruit.....	\$0.25	\$2.00	\$4.00
Buck's Tresco. Round, bright red, moderate size fruits; a fine forcer.....	.25		
Comet. Beautiful, smooth, round fruit in great abundance. Color a rich scarlet red...	.15	.50	1.00
Best of All. An excellent sort for forcing or early outdoor crop.....	.15	1.00	2.00
Lorillard. Chiefly valuable for forcing under glass.....	.15	.30	.60
Stirling Castle. Excellent for forcing as well as outdoor culture. Fruit medium size.	.25	1.50	3.00
Sunrise. A fine forcing variety; rich scarlet color.....	.25	1.50	3.00
Winter Beauty. Fine forcer, fruits of good size, smooth and deep color.....	.25		
Acme. Medium size fruit, of purple pink color, tinged with purple.....	.05	.25	.50
Coreless, Livingston's. Bright red, almost round and free from core.....	.10	.25	.50
Crimson Cushion. Extra large, handsome, bright crimson.....	.10	.30	.60
Dwarf Champion. The plant is of dwarf and compact growth.....	.05	.25	.50
Dwarf Stone. Color bright scarlet, perfect shape; resembles Dwarf Champion, but with larger fruit.....	.05	.25	.50
Earliana. Extra early; bright red; smooth.....	.10	.25	.50
Early Ruby. The earliest large Tomato grown; rich crimson color.....	.05	.25	.50
Globe, Livingston's. Glossy rose color, tinged with purple.....	.10	.25	.50
Golden Queen. A good yellow sort; first-class quality; large and solid.....	.05	.25	.50
John Baer. A beautiful, brilliant red variety; perfect, solid, high crown fruits.....	.10	.30	.60
Marshall's National. A very early, bright red, coreless variety.....	.25	1.00	2.00
Matchless. Extra large, smooth and handsome; bright red; very solid.....	.10	.25	.50
Perfection. Early, regular and productive; reddish scarlet.....	.05	.25	.50
Ponderosa. The largest variety in cultivation; very solid and meaty.....	.10	.30	.60
Stone. Very large, perfectly smooth; fine, bright scarlet.....	.05	.25	.50

SMALL FRUITED TOMATOES

Red Cherry. Small fruits; used for pickles; very handsome.....	.05	.25	.50
Red Currant. Very small fruits; for preserves.....	.05	.25	.50
Red Peach. Resembling a Peach; for preserves, pickles and exhibition.....	.05	.25	.50
Red Pear. Fruit handsome and solid; fine for preserves.....	.05	.25	.50
Red Plum. Bright red, round, regular; for pickles.....	.05	.25	.50
Strawberry (Winter Cherry, or Husk Tomato). Makes fine sauce.....	.05	.25	.50
Yellow Cherry. For pickles and preserves.....	.05	.25	.50
Yellow Peach. Beautiful clear yellow; perfectly resembles a Peach.....	.05	.25	.50
Yellow Pear. Handsome, yellow, Pear-shaped fruits.....	.05	.25	.50
Yellow Plum. Round and regular; bright yellow.....	.05	.25	.50

TURNIP

One ounce will sow 200 feet of drill.

Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.

	Pkt.	½ oz.	Oz.	¼ lb.	Lb.
Early Milan, Purple Top. Earliest of all, white with purple top.....	\$0.10	\$0.30	\$0.60	\$1.50	\$6.00
Early Milan Pure White, Selected. Very handsome, pure white and as early as the above; flesh very sweet and tender.....	.10	.30	.60	2.00	6.00
Early Snowball. Small, and rapid growth; pure white.....	.05	.15	.30	1.00	3.00
Cow Horn. Long, white; in shape resembles a cow's horn.....	.05	.15	.30	.80	2.50
Golden Ball. Very handsome; keeps fairly well.....	.05	.15	.30	.90	2.75
Red Top, Strap Leaf. The popular Fall flat sort.....	.05	.15	.30	1.00	3.00
Red Top, Globe-shaped. A standard sort in the New York market..	.05	.15	.30	1.00	3.00
White Egg. Oval, handsome and sweet.....	.05	.15	.30	.90	2.75
White Strap Leaf Flat. A good early white flat sort.....	.05	.15	.30	1.00	3.00
White French, or Rock. A very productive, and a fine keeper.....	.05	.15	.30	1.00	3.00
Yellow Globe. Good and sweet; keeps fairly well.....	.05	.15	.30	1.00	3.00
Yellow Stone. Fine, hard-Winter sort.....	.05	.15	.30	1.00	3.00
Yellow Aberdeen. A hardy and productive variety of excellent quality..	.05	.15	.30	1.00	3.00

RUTA-BAGA

American Purple Top. A strain of Purple-top yellow.....	.05	.15	.30	1.00	3.00
Champion Purple Top. Very large.....	.05	.15	.30	1.00	3.00
White-Fleshed. Large and productive.....	.05	.15	.30	1.00	3.00



HERBS—SWEET AND MEDICINAL

	Pkt.	Oz.		Pkt.	Oz.
Anise. Seeds aromatic.....	\$0.05	\$0.30	Marjoram, Sweet. Used in season-		
Basil, Sweet. Culinary herb used for			ing.....	\$0.05	\$0.50
flavoring soups, etc.....	.05	.25	Mint. Peppermint.....	.25	
Catnip. Has medicinal qualities.....	.10	1.00	Rosemary. Yields an aromatic oil...	.10	.60
Dill. Seeds used for flavoring.....	.05	.25	Sage, Broad-leaf. A culinary herb..	.05	.75
Fennel, Sweet. Seeds aromatic, for			Savory, Summer. A culinary herb..	.05	.50
flavoring.....	.05	.25	Savory, Winter. A culinary herb....	.10	.60
Fennel, Florence. In flavor resem-			Thyme, Broad-leaved English.		
bling Celery.....	.05	.25	Used as a seasoning.....	.10	1.00
Lavender. For oil and distilled water.	.05	.40	Wormwood. Has medicinal qualities..	.05	.60

Owing to conditions in Europe we are unable to procure any Seeds of many Herbs so we are compelled to take them from our list. We hope to be able to supply all the above varieties.

VEGETABLE PLANTS AND ROOTS

Artichoke Plants, Globe, Selected Large Green.			Peppers. Ready in May and June. Bell or Bull		
Ready April 1st. Doz. \$2.50, 100 \$16.00.			Nose. Long Red Cayenne. Doz. 45c., 100 \$3.50.		
Asparagus Roots. See page 5.			Rhubarb Roots, Victoria. Strong roots. Ea. 15c.,		
Brussels Sprouts. Doz. 25c., 100 \$1.50.			doz. \$1.50, 100 \$12.00.		
Cabbage Plants. For April and May delivery.			Sea Kale Roots. For forcing. Doz \$2.50, 100		
Doz. 30c., 100 \$1.50. Delivery July and August.			\$18.00.		
100 \$1.00, 1000 \$7.00.			Sweet Potato Plants. Ready in May and June.		
Cauliflower Plants. Snowball and Selected Er-			100 60c., 1000 \$4.50.		
furt. Pot-grown; ready April and May. Doz.			Tomato Plants. Ready in May and June. Acme,		
50c., 100 \$3.50.			Dwarf Champion, Perfection, Ponderosa, Stone,		
Celery. Extra strong, transplanted plants. De-			etc. Doz. 40c., 100 \$3.00. Small Fruit Varieties.		
livery June and July. Doz. 20c., 100 \$1.00, 1000			Doz. 60c. Pot-grown Plants. Doz. 60c.		
\$7.00.					
Chicory Roots. Strong for forcing. Doz. \$1.25;					
100 \$9.00.					
Egg Plants. Ready in May and June. Grown in					
pots. Doz. 75c., 100 \$6.00.					
Hop Vine Roots. Each 15c., doz. \$1.50.					
Horse Radish Sets, New Bohemian. A new va-					
riety, which produces roots of enormous size and					
succeeds in every soil. Doz. 20c., 100 \$1.00.					
Kale, or Borecole. Siberian or Curled Scotch.					
Doz. 20c., 100 \$1.00.					
Kohl-Rabi. White Vienna. Doz. 25c., 100 \$1.75.					
Lettuce. Ready in April and May. Boston					
Market, Paris Cos. Doz. 25c., 100 \$1.50.					

PLANTS OF HERBS

To meet the increasing demand for plants of the most popular herbs, we can supply the following:

	Each	Doz.
Chives.....	\$0.20	\$2.00
Lavender, True.....	.20	2.00
Marjoram, Pot.....	.20	2.00
Mint.....	.20	2.00
Sage, Common.....	.20	2.00
Savory, Winter.....	.20	2.00
Thyme, French.....	.20	2.00
Tarragon.....	.25	2.50

Vegetable Plants will be shipped by express in due time for planting at purchaser risk only.

We carry a supply at our store in their respective planting seasons.

BIRD SEEDS, ETC.

	Per lb.		Per lb.
CANARY. Best Sicily.....	\$0.30	MILLET, AMERICAN.....	5 lbs., 40c. \$0.10
CANARY SEED, Mixed.....	.30	RAPE.....	2 lbs., 30c. .15
FISH FOOD.....	Pkg. 10c.	ROUGH RICE.....	.12
GRAVEL FOR CAGES.....	Qt., 8c.	SUNFLOWER SEED. For Parrots.....	.15
HEMP.....	5 lbs., 40c. .10	CUTTLEFISH BONE.....	.50
LETTUCE SEED.....	Oz., 5c. .25	THISTLE SEED.....	.30
MAW, BLUE POPPY.....			

Prices of Bird Seed are subject to change of Market Values throughout the year.

SPECIAL NOTICE

We have to depend upon European countries for many varieties of Seeds [for] our supplies, and owing to war conditions prohibiting [imports], we reserve the right to change [prices] and substitute varieties if we are unable to supply kinds ordered.

W. E. MARSHALL & CO., INC.



FARM AND FIELD SEEDS

BARLEY

48 lbs. to the bushel, 2 bushels to the acre.

	Peck	Bush.
Spring Barley. A good standard sort.....	\$1.25	\$4.50
Beardless, Spring. This variety is free from beards.....	1.25	4.50

BEANS

Sow $\frac{1}{2}$ to $\frac{3}{4}$ bushels to the acre.

Pea or Navy Beans. Used when dry for cooking.....	Market price	
Soja Bean, Hollybrook Early. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Sow broadcast $\frac{1}{2}$ bushel to acre, or plant in drills 3 feet apart and 1 foot between plants.....	\$1.75	\$6.00
Velvet Bean. Used as a forage plant, and as a fertilizing plant for turning under. Stock readily eat the vines and leaves. Plant in rows 4 feet apart and 1 foot in the row.....	1.75	6.00

BROOM CORN

	Lb.	100 lbs.
Evergreen. Succeeds in a good, deep soil; it is very sensitive to cold. Sow 10 lbs, to acre..	\$0.25	\$20.00

BUCKWHEAT

48 lbs. to the bushel. Sow 1 bushel to the acre.

	Peck	Bush.
Japanese. Earliest and most productive of the Buckwheats.....	\$1.25	\$4.50
Silverhull. Light gray grain; a week later than Japanese.....	1.50	5.00

FIELD CORN

8 quarts will plant 1 acre in hills, 3 bushels will sow 1 acre broadcast.

FLINT VARIETIES

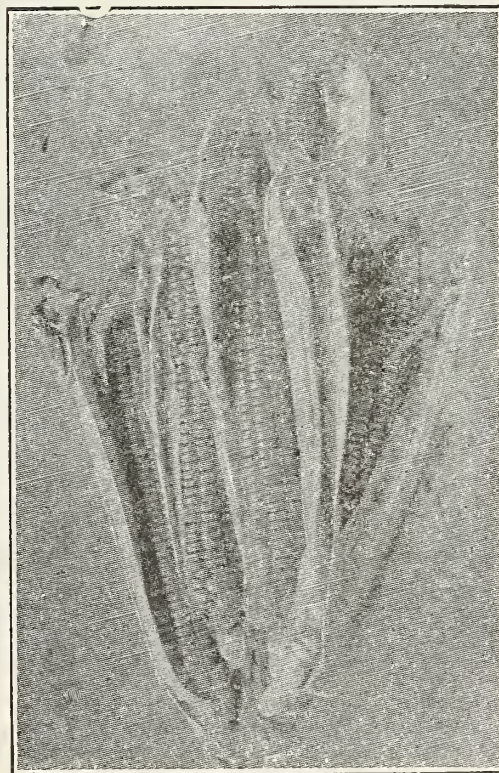
Early Yellow Canada. A very desirable variety. Ears rather small, 8-rowed and deep grained. The earliest Flint Corn, usually ripening in August and producing a large yield.....	Peck \$1.75	Bush. \$6.00
Golden Nugget. Very early, large ears, which average from 12 to 15 inches long.....	2.25	8.00
Longfellow. A very large-eared flint variety, grown very extensively in this vicinity for its productiveness. Ears 8-rowed, often 14 to 15 inches long, with small cob and deep kernels.....	1.75	6.00
Sanford White Flint. Of spreading habit, long ears and very tall. Valuable for fodder.....	1.75	6.00

DENT VARIETIES

Early Leaming. This variety is similar to Improved Leaming but is fully two weeks earlier in maturity..	1.75	6.00
Improved Leaming. Large, handsome ears, deep-grained and of a deep orange color. An early-maturing variety distinctly dent, and a great yielder.....	1.50	5.50

FODDER AND ENSILAGE VARIETIES

Early Golden Surprise. This is a cross between the Eureka and a Dent. The cob is small, with very long grain, maturing very early and adapted for Northern climate. A very heavy yielder.....	1.50	5.50
Eureka. One of the finest and most productive field Corns grown. The plants grow 12 to 15 feet high. Valuable for ensilage or as a yellow dent Corn.....	Peck \$1.50	Bus. \$5.50
Southern Horse Tooth. A large, leafy grower, especially valuable for ensilage.....	1.35	5.00
Sweet Fodder. Succulent and nutritious for feeding green.....	1.25	5.00



Longfellow Corn



MILLET

- Golden.** Very large crop, though not so early as Hungarian. Grows 3 to 5 feet high. Requires good soil. Sow 1 bushel to the acre, 48 lbs. to the bushel..... Market price
- Hungarian.** A favorite Summer forage crop. Sow in June, can be cut in about 60 days. Will yield two to three tons of hay per acre. Withstands heat and drought well. Plant about 3 pecks to 1 bushel per acre, 48 lbs. to the bushel..... Market price
- Japanese.** Sometimes called Barnyard Millet. Grows very tall, 6 to 7 feet; makes valuable forage and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre, 35 lbs. to the bushel.....

Per lb.	Bus.	100 lbs.
\$0.15	\$3.50	\$10.00

OATS

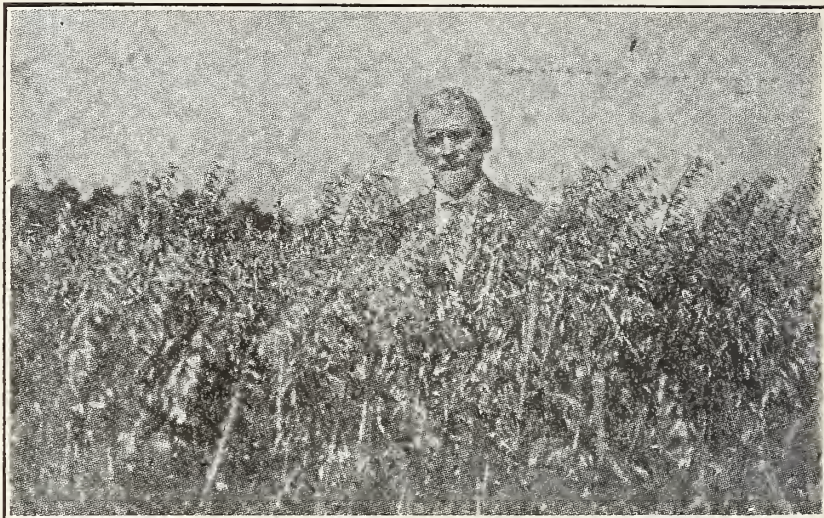
Sow 2 to 3 bushels to the acre, 32 lbs. to the bushel.

Storm King. The heads measure from 8 to 10 inches and the kernels are of immense size, thick, plump and heavy. It is very early, has great length of straw, producing 70 bushels per acre. We can safely say it is the greatest producer of any variety of Oats grown in this country. Bus. \$3.00.

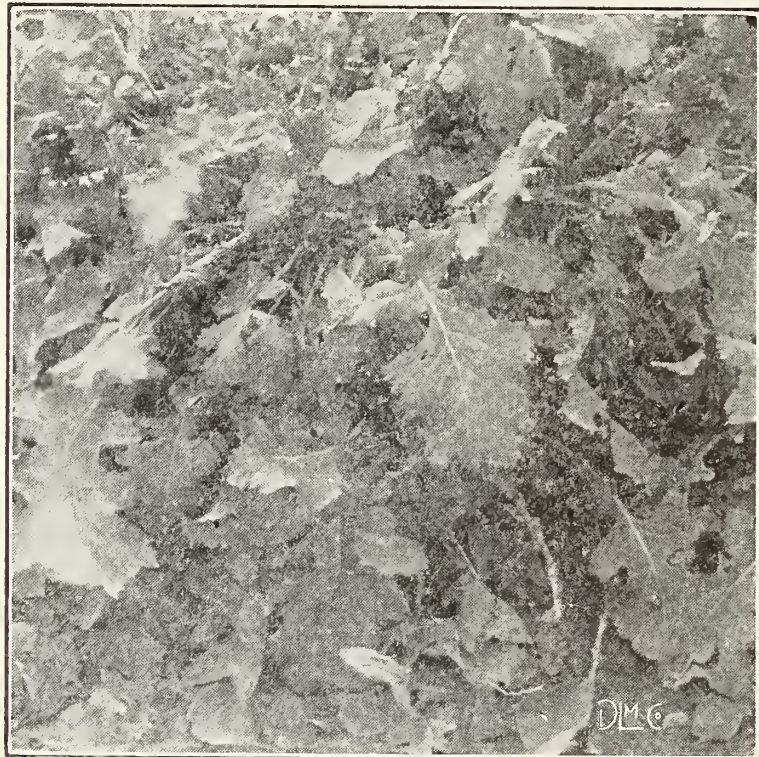
White Tartar. A remarkably handsome and perfect white oat, extremely early, in fact, the earliest variety in cultivation. It is an enormous cropper. The straw is long, very strong, and holds up well. The heads are large and well filled. Pk. 50c., bus. \$2.75, 10 bus. or over, \$2.65 per bus.

Regenerated Swedish Select. Popular for its heavy yields and especially adopted for light soils. Very strong straw and branching habit. Bus. \$2.75, 10 bus. lots, \$2.65 per bus.

Bumper Crop. A very large and plump Oat. Vigorous and heavy cropper. Bus. \$2.50.



Field of Storm King Oats



Dwarf Essex Rape

PEAS

Canada Field. Valuable for cattle feeding. Also used for ensilage. Sown broadcast in the Spring at the rate of two bushels to the acre. Market price.

Cow Peas, Clay. This variety is of extra strong growth and specially adapted for sowing in Northern States. A first-class green fertilizer; does well on all sorts of soils and under adverse conditions. The feeding value, also, whether in a green or cured state, cannot be overestimated. Sow 2 bushels per acre, 60 lbs. per bushel. Bus. \$5.00.

Cow Peas, Whippoorwill. A very early maturing variety of upright or bush growth. Bus. \$5.00

RAPE

Dwarf Essex. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Can be planted alone or with other forage crops. Lb. 30c., 100 lbs. \$25.00.

RYE

For grain, 1 bushel to the acre; for forage or soiling, 1 1/2 bushels, 56 lbs. to the bushel.

Spring. This is excellent for a catch-crop, as it may be sown somewhat later than other grains and produces an abundance of green feed in the Summer season. Pk. Bus.

\$1.25	\$4.50
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Giant Winter. This variety is fast gaining in popularity as a cover crop and produces an abundant crop of early green feed. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1.....

1.25	4.50
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Prices on all Farm Seeds are subject to market fluctuations.



SORGHUM

		Lb.	100 lbs.
Early Amber Sugar-Cane. The earliest and most productive variety. Height 10 to 12 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 7 lbs. in drills, or 15 lbs. broadcast, to acre.....			
		\$0.15	\$12.00
Kaffir Corn (White). Excellent forage for horses and cattle, and excellent feed for poultry. Sow 4 to 5 lbs. per acre.....			
		.15	12.00

SUDAN GRASS

A new forage crop of immense value. Sudan Grass is strictly an annual and dies each year like Millet and must be seeded again each Spring. Sudan Grass reaches a height of from 7 to 9 feet, yet the stems are small and tender. The plant stools wonderfully and produces under favorable conditions as many as 100 stalks from a single root. The seed should not be planted until the soil has become warm in the Spring and preferably on warm light soil. Sudan Grass will grow better if planted in rows and cultivated, but may be sown broadcast seeded in rows 36 inches to 42 inches apart, 2 to 3 lbs. per acre broadcasted, 16 to 24 lbs. per acre. Cut just after bloom, so ample time may be had for second growth. Market price.

SUNFLOWER

Mammoth Russian. Very productive, large heads with large seeds. Valuable for poultry. Five pounds will plant 1 acre. Lb. 25c., 25 lbs. \$4.50, 100 lbs. \$18.00.

VETCHES, OR TARES

Spring Vetches (*Vicia sativa*). Closely associated with Peas in character. Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Use 40 to 60 lbs. to the acre. Sow in Spring while ground is cool and moist, or in early Autumn. Lb. 15c., 100 lbs. \$12.00.

Winter Vetches (*Vicia villosa*). Also called Sand Vetch or Hairy Vetch. Recommended for Fall sowing with rye, as in many localities in the North it is hardy, remaining green all Winter. A valuable food for stock in early Spring. Use 30 to 50 lbs. per acre. Lb. 30c.

WHEAT

The seed Wheat we offer is grown in Pennsylvania by a very reliable grower, especially for seed purposes. Sow 1½ bushels to the acre.

Marquis Spring. A very early beardless wheat that succeeds well in the east, producing larger yields than any other kind. Sow as early as possible about 2½ bushels per acre. Bus. \$5.00

Four-Rowed Fulz. Red; hardy and very prolific, beardless..... Market price

Golden Wave. A grand large red grain, bearded variety..... Market price

Lancaster Fulcaster. Bearded red variety..... Market price

Red Wave. Has long, well filled heads and large, heavy red grain. The heads are beardless and straw long and yellow..... Market price

Prices on all Farm Seeds are subject to market fluctuations.

CLOVERS

Prices subject to market changes.

	Quantity for acre	Per Lb.	Per Bushel	Per 100 lbs.
Alfalfa, or Lucerne (<i>Medicago Sativa</i>). One of the most valuable forage plants.....	20 lbs.	\$0.50	\$24.00	\$40.00
Alsike (<i>Trifolium Hybridum</i>). Grows well on low wet land.....	10 lbs.		Market price	
Crimson, or Scarlet Clover (<i>Trifolium Incarnatum</i>). An annual variety producing large crops of green foliage.....	20 lbs.		Market price	
Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover...	10 lbs.		Market price	
Medium Red (<i>Trifolium Pratense</i>). This is the common Red Clover so largely grown throughout the country.....	15 lbs.		Market price	
Sweet Clover, Bokhara (<i>Melilotus alba</i>). Grows from 3 to 4 feet high....	15 lbs.	.45	21.00	35.00
White Clover (<i>Trifolium Repens</i>). The best variety for lawns; valuable in permanent pastures.....	10 lbs.	.80	45.00	75.00
Mixed Clover	10 lbs.	.65	36.00	60.00



GRASS SEEDS

For Pasture, Mowing and Lawn

Prices subject to market changes.

	Weight per bush.	Lb.	Bushel	100 lbs.
Canadian Blue Grass (<i>Poa Compressa</i>). A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor dry land and should be more largely used for this purpose.....	14 lbs.	\$0.40	\$4.25	\$30.00
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Desirable for mixing with other lawn or pasture grasses.....	15 lbs.	.75		
Crested Dogtail (<i>Cynosurus cristatus</i>). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. It should form a portion of all mixtures for lawns.....	20 lbs.	.45	8.00	40.00
English Rye Grass (<i>Lolium perenne</i>). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Sow 60 lbs. to acre	24 lbs.	.35	7.25	30.00
English Rye Grass (Pacey's) . A carefully selected short-seeded, dwarf-growing strain, suitable for lawns.....	24 lbs.	.35	7.75	32.00
Hard Fescue (<i>Festuca duriuscula</i>). A slender, densely tufted perennial grass, 1 to 2 feet high. Thrives on dry, sandy soils.....	14 lbs.		Not procurable	
Italian Rye Grass (<i>Lolium Italicum</i>). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass.....	22 lbs.	.40	7.75	35.00
Kentucky Blue Grass (<i>Poa pratensis</i>). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod	14 lbs.	.40	5.00	35.00
Meadow Fescue, or English Blue Grass (<i>Festuca pratensis</i>). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses.....	15 lbs.	.40	5.00	35.00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the best grasses for permanent pasture, and should always form a fair proportion of the mixtures for that purpose. Thrives best on a rich, strong soil.....	10 lbs.		Not procurable	
Orchard Grass . A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil. It prefers a moderately dry soil with considerable sandy material. It is usually sown in the Spring, but with favorable conditions may be sown in the Fall. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre.....	14 lbs.	.55	7.50	50.00
Red Fescue (<i>Festuca rubra</i>). Resist extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre.....	14 lbs.	.60	7.75	55.00
Red Top (<i>Agrostis vulgaris</i>). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands, and those that are not rich enough for Timothy or Clover; it does not thrive on sandy or leachy soils, but will adapt itself to a wider range of soils than any other grass. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses.				
Red Top, Fancy Cleaned . Use 14 to 16 lbs. to acre.....	30 lbs.	.35	9.00	30.00
Red Top, Unhulled . Use from 40 to 50 lbs. to the acre.....	14 lbs.	.25	3.00	20.00
Rhode Island Bent (<i>Agrostis canina</i>). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used for pastures and lawns. Soil and treatment same as for Red Top.....	14 lbs.	.50		
Sheep Fescue (<i>Festuca ovina</i>). A small tufted, hardy grass, of value in mixture for lawns or dry soil.....			Not procurable	
Tall Meadow Oat Grass (<i>Avena elatior</i>). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth.....	10 lbs.	.50	4.00	40.00
Timothy, or Herb Grass (<i>Phleum pratense</i>). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay, and crops are subject to soil and climate. The most profitable crops are obtained the first and second seasons. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover.....	45 lbs.		Market price	
Wood Meadow Grass (<i>Poa memorialis</i>). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold.	14 lbs.		Not procurable	



GRASSES FOR HAY CROPS AND PASTURES



MIXTURES FOR HAY AND PERMANENT PASTURES

The results obtained from our special Grass Seed mixtures are well known by the constantly increasing demand for them. Fall seeding is preferable, but Spring sowing will be successful if done early, while the land is cool and moist. In addition to the Grasses, we advise sowing 10 pounds of Mixed Clover Seed per acre.

We recommend sowing 50 pounds to the acre.

PERMANENT PASTURE MIXTURE NO. 1. For cool and moist soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 2. For dry soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 3. For wet soils. Bus. (15 lbs.)

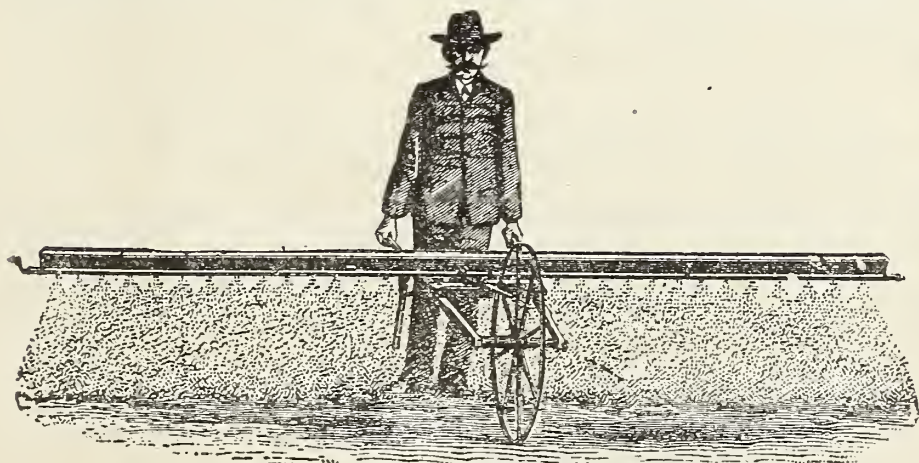
PERMANENT HAY MIXTURE NO. 4. For good cool and moist soils. Bus (15 lbs.)

PERMANENT HAY MIXTURE NO. 5. For high dry soils. Bus. (15 lbs.)

Price of any of the above Mixtures, 25 lbs. \$10.00, 50 lbs. \$20.00, 100 lbs. \$40.00.

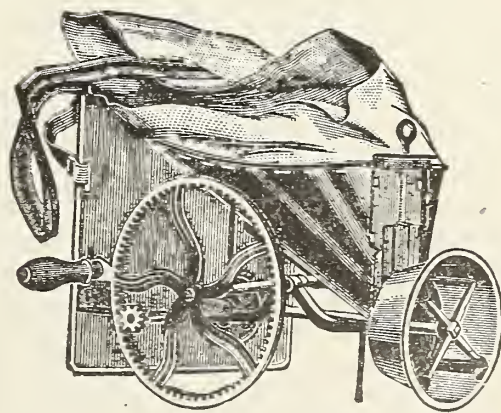
GRASS SEED SEEDERS

DOUBLE HOPPER WHEELBARROW SEEDER



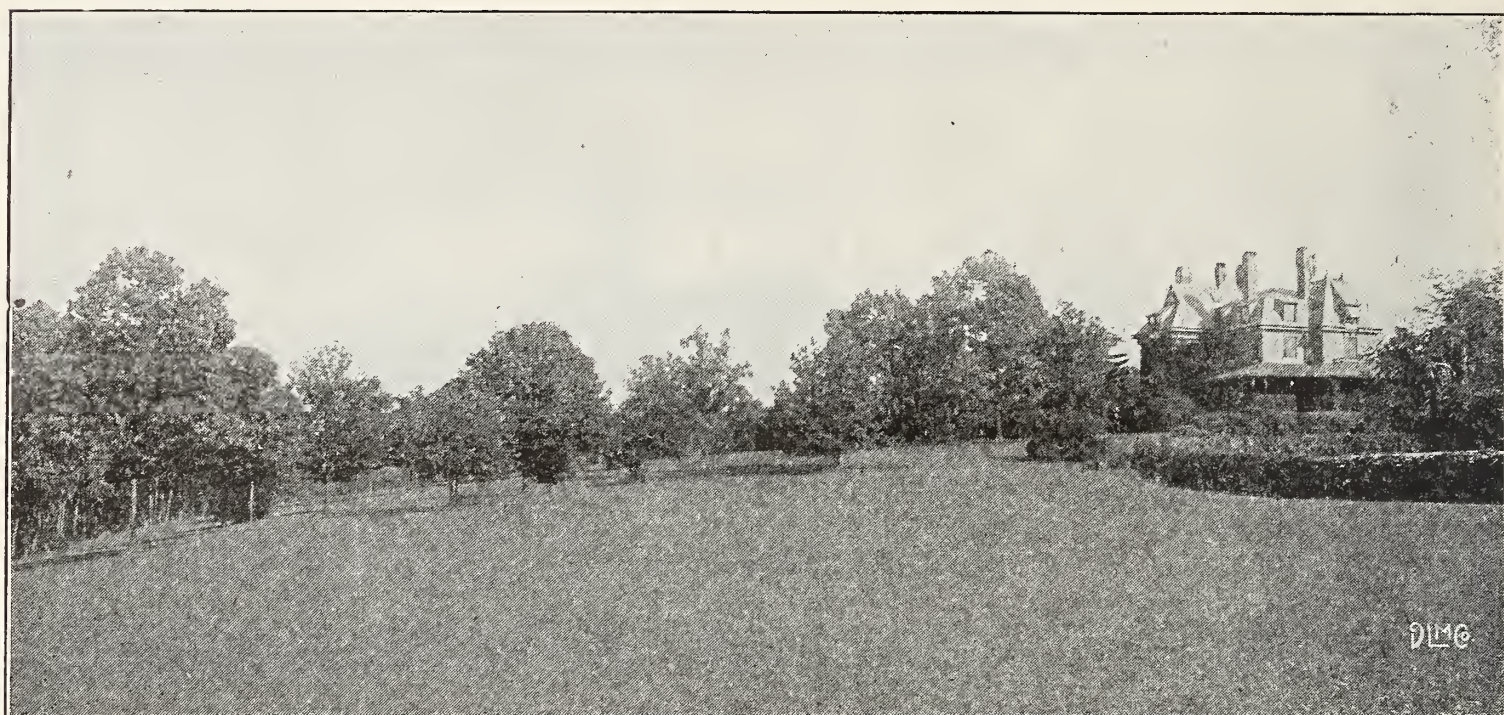
This seeder will sow grass seeds as well as heavy seeds of all kinds. It can be regulated to sow any quantity per acre the whole length (14 feet) of the hopper and it does not clog up. Full directions with each seeder. Price \$13.50.

CAHOON'S BROADCAST SEED SOWER



This machine will sow Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian Seed, throwing from 8 to 20 feet on each side of the operator. \$4.50.

MARSHALL'S LAWN GRASS SEEDS



MARSHALL'S "SPECIAL" LAWN GRASS MIXTURE

Marshall's Special Lawn Grass Seed produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm and elastic turf, and it is usually ready for cutting in six weeks from time of sowing. This Lawn Grass is composed of a combination of various fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained without burning brown in Summer.

This mixture includes highest grade re-cleaned seeds of Crested Dogstail, Creeping Bent, Rhode Island Bent, and other fine Grasses with White Clover.

Price: Lb. 60c., 5 lbs. \$2.50, bus. (20 lbs.) \$9.00, 100 lbs. \$45.00.

MARSHALL'S "CENTRAL PARK" LAWN GRASS

Marshall's Central Park Lawn Grass will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which, when once established, need no reseeding for years. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned and free as it is possible to make it from foreign matter.

One quart will sow 15x20 feet (300 square feet); one peck, 50x50 feet (2500 square feet); one bushel, 100x100 feet (10,000 square feet); four bushels one acre.

Price: Pt. 15c., qt. 30c., 4 qts. \$1.00, pk. (5 lbs.) \$1.75, bu. (20 lbs.) \$6.00.

MARSHALL'S "SHADY PLACE" LAWN GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees.

Price: Qt. 35c., 4 qts. \$1.25, pk. (5 lbs.) \$2.25, bu. (20 lbs.) \$8.00.

SPECIAL LAWN GRASS MIXTURE FOR SEA-SIDE LAWNS

A mixture of fine grasses peculiarly suited to seaside lawns and very sandy soils.

Price: Qt. 30c., pk. \$1.75, bu. (20 lbs.) \$6.00.



MARSHALL'S LAWN RESTORING GRASS SEED

A mixture of grasses suited to take firm hold and grow quickly on hard, worn out, or burned spots. The best time to resow them is very early in Spring, but seed may also be sown from September to October.

Price: Qt. 30c., 4 qts. \$1.00, pk. \$1.75, bu. (20 lbs.) \$6.00.

MARSHALL'S TERRACE MIXTURE LAWN GRASS

A special mixture of grasses for sowing on terraces and side hills—grasses that produce strong spreading roots, thus preventing heavy rain from washing them out; that will withstand drought and exposure, thrive on shallow soils and produce a rich, green turf throughout the season.

Price: Qt. 30c., pk. \$2.00, bu. (20 lbs.) \$7.00.



PERMANENT GRASS MIXTURES FOR GOLF LINKS

MARSHALL'S PUTTING-GREEN or TENNIS COURT MIXTURE

A very carefully prepared mixture for use on putting greens, croquet lawns, tennis courts, bowling greens, and lawns. This mixture produces a very thick, soft growth, when sown on a well-prepared ground, and mowed short will allow a ball to roll in almost a direct line. We especially recommend this mixture to those who are particular to obtain the very best. Our mixture contains only the very fine bladed species of grasses without Rye Grass. 25 lbs. will seed a putting green 75 feet square.

Per lb. 50c., pk. (5 lbs.) \$2.25, bu. (25 lbs.) \$10.00, 100 lbs. \$40.00.

MARSHALL'S FAIR GREEN MIXTURE

Marshall's Fair Green Mixture is composed mainly of perennial native grasses and two very important European grasses which have proven of great value for Fair-Green use. They are all of dwarf spreading growth, forming a close velvety surface which improves from year to year if given proper care.

This mixture contains no Clover but will be added if desired in quantity of one-half pound per bushel of grass seed. Sow 100 lbs per acre.

Bushel (20 lbs.) \$6.00.



GENERAL LIST OF Marshall's Matchless Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES.

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture:

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter, and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

H. A.	designates Hardy Annuals—Lasting but one year	H. H. P.	designates Half-Hardy Perennials—Require protection during Winter.
H. H. A.	“ Half-Hardy Annuals—Lasting but one year.	H. C.	“ Hardy Climber—Lasting three or more years.
H. B.	“ Hardy Biennials—Lasting but two years.	G. S.	“ Greenhouse Shrub.
H. H. B.	“ Half-Hardy Biennials—Require protection during Winter.	H. A. C.	“ Hardy Annual Climber.
H. P.	Hardy Perennials—Lasting three or more years.		

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
ABOBRA Viridiflora.	A rapid-growing, climbing plant, scarlet fruit.	10	H.A.C.	...	\$0.10
ABRONIA, Umbellata.	Training annual, pink flower trusses. 1/4 oz. 25 cts.	3/4	H.A.	\$0.75	.10
ABUTILON. New Hybrids.	Mixed, large bell-shaped flowers.	...	G.S.	...	.10
ACACIA.	Finest mixed, elegant Winter and Spring flowering plants.	...	G.S.	.75	.10
ACHILLEA Ptarmica, "The Pearl."	Double white flowers. 1/4 oz. \$1.00.	1 1/2	H.P.	...	.10
ACROCLINIUM.	Pretty everlasting flowers; fine for Winter bouquets.				
Album.	Pure white; double flowers. 1/4 oz., 20 cts.	1	H.H.A.	.60	.10
Roseum.	Bright rose; double flowers. 1/4 oz., 20 cts.	1	...	.60	.10
Finest Mixed Colors.	1/4 oz., 20 cts.	1	...	.50	.10
ADLUMIA. Cirrhosa (Mountain Fringe).	Pink flowers.	10	H.B.	...	.10
ADONIS Aestivalis.	Crimson flowers and feathery foliage.	1	H.A.	.50	.10
Autumnalis.	Flowers crimson with dark center.	1	H.A.	.50	.10
Vernalis.	Large, yellow; flowers in early Spring.	1 1/2	H.P.	.50	.10
AGERATUM.	Blooms throughout the Summer; feathery flowers in clusters.				
Mexicanum.	Fine for bedding or pot culture. Blue.	1 1/2	H.A.	.50	.10
Mexicanum Album.	A beautiful white variety.	1 1/2	...	.50	.10
Imperial Dwarf Blue.	Extra neat; fine for edging. 1/4 oz. 25 cts.	3/4	...	.75	.10
Imperial Dwarf White.	Pretty for contrast; fine for edgings. 1/4 oz. 75 cts.	3/4	...	.75	.10
Blue Perfection.	Very fine dwarf. 1/4 oz., 25 cts.	3/4	...	.75	.10
Little Blue Star.	Light blue; fine for carpet bedding. 1/8 oz., \$1.50.	1/2	...	...	.10
Princess Victoria Louise.	Dwarf, light blue, white center. 1/4 oz. 50 cts.	3/4	...	1.50	.10
Swanley Blue.	A fine large-flowered sort. 1/4 oz. 25 cts.	1	...	.60	.10
Tall Mixed.	Annual varieties.	1	...	.50	.10
AGROSTEMMA Cœli Rosa (Rose of Heaven).	Bright rose; excellent for cutting. 1/4 oz., 15 cts.	1 1/2	H.A.	.50	.10
Cœli Alba.	White. 1/4 oz., 15 cts.	...	...	.50	.10
Coronaria.	(Rose Campion). Crimson flowers, silver foliage.	2	H.P.	.60	.10



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt
ALYSSUM. Pretty little plants for beds, vases, baskets, edgings or rockwork; blooming profusely all Summer.				
Maritimum (Sweet Alyssum). Fragrant, white; flowers all Summer.....	1/2	H.A.	\$0.30	\$0.05
Maritimum compactum, Little Gem. Grows erect; fine for edging.....	1/2	....	.50	.10
Benthamii compactum. Lilac Queen. Pure lilac flowers, dwarf and compact growth. 1/4 oz., 35 cts.....	1 1/2	....	1.00	.10
Benthamii compactum lutescens. Yellowish flowers on strictly upright flower spikes. 1/4 oz. 40 cts.....	1/2	....	1.25	.10
Procumbens. Carpet of Snow. Dwarf; pure white. 1/4 oz., 30 cts.....	1/4	....	1.00	.10
Saxatile compacta. Spring-blooming Alyssum with yellow flowers.....	1	H.P.	1.00	.10
AMARANTHUS. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.				
Caudatus (Love-Lies-Bleeding). Long drooping crimson spikes.....	3	H.H.A.	.35	.10
Salicifolius (Fountain Plant). Distinct variety, with graceful drooping leaves. 1/4 oz. 25 cts.....	2 1/2	....	.75	.10
Tricolor (Joseph's Coat). Leaves red, yellow and green. 1/4 oz. 20 cts....	2	....	.50	.10
AMPELOPSIS Veitchii (Japanese Woodbine or Boston Ivy).....	10	H.C.	.50	.10
ANAGALLIS Grandiflora (Pimpernelle). Showy garden plant. 1/4 oz. 25 cts.	6	H.H.A.	.75	.10
ANCHUSA Capensis. Flowers resembling large Forget-Me-Nots.....	1 1/2	H.A.	.75	.10
Grandiflora. Dropmore Variety. Large flowered, dark blue.....	5	H.P.	1.50	.10
ANEMOME. A very pleasing perennial, producing large flowers.				
Coronaria, St. Brigid (Poppy Anemone). Mixed colors. 1/4 oz., 50 cts....	1	H.P.	....	.10
Japonica rosea. Rose.....				.25
Alba "Honorine Jobert." White.....				.25
ANTHEMIS Montana. Very pretty small flower, like a white Chrysanthemum. 1/4 oz. 30 cts.....	1/2	H.P.	1.00	.10
ANTIRRHINUM. The Snapdragon is one of our finest biennials flowering the first year as annuals. Their rich spikes are beautiful for cutting, and keep fresh a long time. From seed sown in the open ground plants will bloom in July and August.....				
		H.H.B.	....	....
Large Flowering Half-Dwarf Varieties. The best for bedding purposes, growing about 18 inches high.				
Dwarf Black Prince. Dark leaved, blackish crimson purple. 1/8 oz. 35 cts..	1 1/2	H.H.B.	2.00	.10
Dwarf Defiance. Fiery scarlet. 1/8 oz. 30 cts.....			1.50	.10
Dwarf Golden Queen, grandiflora. Pure yellow. 1/8 oz. 30 cts.....			1.50	.10
Dwarf Queen of the North. White. 1/8 oz. 30 cts.....			1.50	.10
Dwarf Roseum Superbum. Rosy-pink. 1/8 oz. 75 cts.....			4.50	.10
Dwarf The Bride. White, changing to delicate rose. 1/8 oz. 30 cts.....			1.50	.10
Dwarf Fine Mixed. All colors. 1/4 oz., 40 cts.....			1.25	.10
Collection of six above varieties.....			....	.50
Marshall's Giant Flowering Varieties. These grow about 3 feet high and are all of the large flowering types.				
Matchless White. A selected strain for growing under glass.....	3		....	.25
Matchless Yellow. A fine strain for greenhouses.....	3		....	.25
Bonfire. Bright cinnabar red, yellow blotch. 1/4 oz. \$1.00.....	3		3.00	.10
Coral Red. Rich, with red throat. 1/4 oz., 75 cts.....	3	H.H.B.	2.00	.10
Defiance. Fiery scarlet. 1/4 oz., \$1.00.....			3.00	.10
Firefly. Scarlet and white. 1/4 oz., 35 cts.....			1.25	.10
Keystone. Fine forcing pink.....	3		....	.25
Nelrose. Rich coral pink. A splendid forcer.....	3		....	.25
Orange Scarlet. A beautiful color. 1/8 oz. 60 cts.....			3.00	.10
Queen Victoria. Large, white. 1/4 oz., 35 cts.....			1.25	.10
Roseum. Rose. 1/4 oz., 35 cts.....			1.25	.10
Ruby. Pure ruby red. 1/4 oz., 50 cts.....			1.50	.10
Salmon Pink. Very large flowering. 1/4 oz., 75 cts.....			2.00	.10
Silver Pink. A large flowering variety. Ramsburg's strain.....			....	.50
Striped. Odd and pretty. 1/4 oz., 45 cts.....			1.25	.10
Venus. Delicate rose on white ground. 1/8 oz., 50 cts.....			3.00	.10
Giant Yellow. 1/4 oz., 60 cts.....			1.50	.10
Giant Large-flowered Mixed. Fine variety of colors. 1/4 oz., 35 cts.....			1.00	.10
Collection of Six distinct Varieties.....			....	.50
Collection of Twelve distinct Varieties.....			....	1.00
AQUILEGIA, or COLUMBINE. A most desirable border plant.....				
		H.P.	....	....
Marshall's Matchless Long Spurred Hybrids. A grand variety of colors of the long spurred and large flowered forms. 1-16 oz., \$1.00.....				
	3		....	.25
Cærulea hybrida. Large flowered blue hybrids. 1/8 oz., 35 cts.....	3		2.50	.10
Chrysantha. Long-spurred, golden yellow. 1/8 oz., 50 cts.....	2		3.00	.10
Chrysantha grandiflora alba. Large pure white. 1/8 oz., \$1.00.....	2		....	.10
Grandulosa vera. Dark blue, with white. 1-16 oz., \$1.00.....	1		....	.10
Skinneri. A beautiful scarlet, tipped green. 1/8 oz., 50 cts.....	2	H.P.	3.00	.10



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
AQUILEGIA—Continued					
Collection of Five Choice Varieties.....			H.P.	.....	\$0.40
Single. Mixed Colors. ¼ oz., 20cts.....	2			\$0.60	.10
Double-flowering. Mixed Colors. ¼ oz., 25cts.....	2			.75	.10
Special Mixture. Double and Single Hybrids. This mixture includes many long-spurred Hybrids in all colors.....	3			1.00	.10
ARABIS Alpina. Excellent for borders or rockwood. Pure white.....	½		H.P.	1.00	.10
Grandiflora Rosea. A beautiful pink variety.....					
ARCTOTIS grandis. Daisy-like flowers; white shaded yellow.....	2		H.A.	1.00	.10
ARDISIA crenulata. Decorative plant; red berries.....	5		G.S.	.....	.25
ASPARAGUS Plumosus Nanus. Graceful and feathery bright green foliage. 100 seeds, \$1.00.....	8		G.P.	.....	.25
Plumosus Hatcheri. A rapid grower. 100 seeds, \$1.00.....			G.P.	.....	.25
Sprengeri. A handsome variety of rapid growth for hanging baskets. 100 seeds, 50 cts.....	3		G.P.	.....	.10
ASTERS. Plants from seeds sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best. For July and August flowers sow in March or April, in coldframe, spent hotbed, or pots or boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well-prepared beds.					
CHINA, or Quilled. A splendid mixture of colors.....	1		H.A.	1.00	.05
CHRYSANTHEMUM FLOWERED. Dwarf. A splendid variety of compact habit.					
Separate Colors: Brilliant Rose, Apple Blossom, Dark Blue, Fiery Scarlet, Light Blue, White. ¼ oz., \$1.25.....	1			4.00	.10
Finest Mixed Colors. ¼ oz., \$1.00.....	1			3.50	.10
CREGO. Very early; on style of Queen of the Market, but with fluffy, graceful, large flowers.....	2				
Separate Colors: Crimson, Pink, Lavender, Purple, Rose, White. ¼ oz., \$1.00.....				3.00	.10
Finest Mixed. All colors. ¼ oz., 75 cts.....				3.00	.10
GIANT BRANCHING COMET. A Giant Comet type of Branching Asters. All large, full flowers.....	2				
Separate Colors: Crimson, Lavender, Light Pink, Royal Purple, Rose and White. ¼ oz., 75 cts.....				2.50	.10
Finest Mixed Colors. ¼ oz., 75 cts.....				2.50	.10
IMPROVED GIANT BRANCHING. The flowers are large and fine for cutting.....			H.A.		
Separate Colors: Crimson, Dark Blue, Light Blue, Rose, Shell-Pink, White. ¼ oz., \$1.00.....	2			3.00	.10
Finest Mixed. All colors. ¼ oz., 75 cts.....				2.50	.10
Collection of Six Varieties.....					.50
MARSHALL'S KING. Upright growth; large flowers with long and narrow petals.....	2				
Separate Colors: Crimson, Lavender, Pink, Rose, Violet, White. ¼ oz., \$1.00.....				3.00	.10
Finest Mixed King Varieties. ¼ oz., 75 cts.....	2			2.50	.10
OSTRICH PLUME. Splendid class; fine for cutting.					
Separate Colors: Light Blue, Crimson, Rose and White. ¼ oz. \$1.00..				3.00	.10
Finest Mixed Colors. ¼ oz., 75 cts.....				2.50	.10
QUEEN OF THE MARKET. The earliest of all; in full bloom two weeks before most other sorts.....	1½				
Separate Colors: Crimson, Dark Blue, Light Blue, Rose, Pink and White. ¼ oz., 75 cts.....				2.50	.10
Choice Mixed. All colors. ¼ oz., 60 cts.....				2.25	.10
SINGLE JAPANESE. Of branching habit, and very free flowering.					
Separate Colors: Delicate Rose, White. ¼ oz., \$1.25.....	2			4.00	.10
TRIUMPH COMET. A magnificent class of mid-season Asters. Extra long stems, full double flowers of the finest type.....	2				
Separate Colors: Lavender, Purple, Rose, Shell-Pink and White. ¼ oz., \$1.00.....				3.50	.10
Finest Mixed Colors. ¼ oz., \$1.00.....				3.00	.10
VARIOUS ASTERS.					
Daybreak. A delicate pink Aster. The flowers are very double and globe-shaped. ¼ oz., \$1.00.....	2			3.00	.10
Enchantress Pink. Very large flowers, delicate pink. ¼ oz. \$1.00.....	2			3.00	.10
Purity. Of the same type as Daybreak, differing only in color, which is a pure white. ¼ oz., \$1.00.....				3.00	.10
Single Comet Mixed. Fine for border or bedding.....	2			1.00	.10
Yellow Fancy. Canary yellow flowers as large as the Giant Comet. Fine for cutting. ¼ oz., \$1.25.....	2			4.00	.10



NAME AND DESCRIPTION.	Height in feet				Duration	Ounce	Pkt.
ASTER. Michaelmas Daisy. Large flowering, hardy mixed, fall flowering varieties. $\frac{1}{4}$ oz., \$1.00.....	2 1/2	H.P.	.....	\$0.10			
AUBRIETIA. Suitable for rockwork and herbaceous borders.							
Græca. Purple; trailing.....	1	H.P.	.....	.10			
Leichtlinii. Carmine; trailing.....				.10			
Hybrida grandiflora. Finest mixed colors.....				.25			
AURICULA, Finest Mixed. The flowers resemble the Primrose.....	1/2	H.H.P.	.....	.25			
BACHELOR'S BUTTONS. (See Centaurea Cyanus).							
BALLOON VINE. White flowers, followed by balloon-like seed pods.....	15	H.H.C.	\$0.30	.10			
BALSAM (Lady's Slipper). Showy and easily grown tender annuals, succeeding best in sunny situations where there is rich loam.....	1 1/2	H.A.	.....			
Double Separate Colors: White, Lavender, Blood Red, Deep Rose, Striped. Each. $\frac{1}{4}$ oz., 20 cts.....				.60		.10	
Mixed Colors. Extra choice; double.....				.50		.05	
Collection Camellia-Flowered. Six separate colors.....						.40	
BARTONIA Aurea. Showy garden annual, with large single yellow flowers...	1	H.A.	.50	.10			
BEGONIA. Bedding Varieties. The following are of the Semperflorens type. Fine for bedding in full sun or shaded situations.....		H.H.A.	.....			
Dwarf Vernon. Scarlet flowers, dwarf habit.....	1/2			.25			
Erfordii. The best carmine bedding variety. 1-32 oz., \$2.00.....	1/2	H.H.P.	.....	.25			
Gracilis Rosea. Free-flowering, delicate rose.....	3/4			.25			
Gracilis Luminosa. Flowers fiery deep scarlet.....				.25			
Gracilis Mignon. Scarlet flowers, foliage deep green, with red spots and border.....	1/2			.25			
Gracilis "White Pearl." Pure white flowers, $\frac{1}{2}$ inch in diameter, with light green foliage.....	3/4			.25			
Salmon Queen. Bright salmon flowers.....				.25			
Vernon. Bronze foliage with scarlet flowers. 1-16 oz., 75 cts.....				.25			
BEGONIA, Tuberous-Rooted. Produce magnificent flowers; grown either in pots or for bedding.							
Marshall's Giant Single, Mixed. Large flowering.....	1	G.P.	.....	.50			
Marshall's Giant Double, Mixed. Large flowering.....	1			.50			
Rex Varieties. Choice ornamental leaved varieties.....	1			.25			
BELLIS Perennis fl. pl. (Double English Daisy). Popular Spring-flowering perennial often used with Pansies and Forget-Me-Nots.....	1/2	H.P.	.....			
Longfellow. Dark rose. $\frac{1}{8}$ oz., \$1.00.....			5.00	.10			
Snowball. Pure white. $\frac{1}{8}$ oz., \$1.00.....			5.00	.10			
Giant Red. Good dark red. Very rare. 1-16 oz., \$1.00.....				.10			
Giant Mixed. $\frac{1}{8}$ oz., \$1.00.....			5.00	.10			
BOCCONIA Japonica. Large glaucous, decorative leaves. $\frac{1}{4}$ oz., 25 cts.....	4	H.P.	.75	.10			
BRACHYCOME Iberidifolia. Pretty blue flowers. $\frac{1}{4}$ oz. 40 cts.....	1 1/2	H.H.A.	1.25	.10			
Iberidifolia, Mixed (Swan River Daisy). For edging. $\frac{1}{4}$ oz. 40 cts.....	1	H.H.A.	1.25	.10			
BROWALLIA Elata cærulea. Bright blue, fine for cutting.....	1 1/2	H.A.	.....	.10			
Roezii. Free-flowering, bluish-white.....	2	H.H.A.	.....	.10			
Speciosa major. Flowers 1 1/2 to 2 inches across; blue, white throat.....				.25			
CACALIA (Tassel Flower). Mixed; scarlet and orange. $\frac{1}{4}$ oz. 25 cts.....	2	H.A.	.75	.10			
CALAMPELIS scabra. Ornamental climber; tubular orange-colored flowers..	10	H.A.C.	.....	.10			
CALCEOLARIA HYBRIDA GRANDIFLORA. Highly prized plants for conservatory and house decoration.....	2	G.P.	.....			
Marshall's Matchless Strain. Of the richest and most delicate colors, in the most marvelous variety of shades and marking self spotted, blotched and striped.....	1			1.00			
Large-Flowering, "Dalkeith Park Strain." Finest varieties.....	1			.50			
Rugosa Mixed. The well-known bedding varieties.....	1			.50			
CALENDULA (Cape Marigold). Free and continuous flowering garden plants.....	1	H.A.	.....			
Meteor. Double yellow-striped orange.....			.30	.10			
Marshall's Orange King, Grandiflora. Light yellow. $\frac{1}{4}$ oz., 20 cts.....			.50	.10			
Prince of Orange. Orange, large-flowered. $\frac{1}{4}$ oz., 20 cts.....			.50	.10			
Sulphur Crown. Very large double sulphur yellow.....			.50	.10			
Finest Mixed. All varieties.....			.25	.05			
CALLIOPSIS. Nothing is more effective than a large bed of these golden flowers; exceedingly free-flowering.							
Compacta. Fire King. Deep bright scarlet. $\frac{1}{4}$ oz. 75 cts.....	1			.15			
Golden Wave (Drummondii). Pure yellow flowers, very large and showy....	1	H.A.	.60	.10			
Marmorata. Maroon and gold.....	1 1/2		.50	.10			
Dwarf, Finest Mixed. All shades of yellow, red and brown.....	1		.30	.10			
Tall Mixed. A grand variety for cutting.....	2		.30	.10			
CALLIRHOE involucrata (Poppy Mallow). Beautiful trailing plant, with palmate foliage; flowers large, crimson, with white center. $\frac{1}{4}$ oz. 75 cts....	1	H.P.	2.00	.10			



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
CAMPANULAS. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year.					
Carpatica. Deep blue; for rockeries, beds and edgings.	1/4 oz., 50 cts.....	1/2	H.P.	\$1.50	\$0.10
Carpatica alba. Flowers white.	1/4 oz., 50 cts.....			1.50	.10
Grandiflora Mariesii. A fine dwarf dark-blue variety.....		1			.10
Pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers.	1/4 oz., 75 cts.....		H.P.	2.50	.10
Pyramidalis alba. Pure white.	1/4 oz., 75 cts.....	4		2.50	.10
Persicifolia grandiflora, Blue. Superb large flowers.	1/8 oz., 50 cts.....	2	H.P.		.15
Persicifolia grandiflora alba. A white-flowered variety.	1/8 oz., 50 cts.....	2			.15
Persicifolia grandiflora, Fine Mixed. Very showy,	1/8 oz., 50 cts.....	2			.15
CANTERBURY BELLS. Well known, handsome, hardy biennials, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders..					
Medium Blue, Rose, Striped and White, separate.	1/4 oz., 30 cts.....		H.B.	1.00	.10
Medium Mixed. All colors.	1/4 oz., 25 cts.....			.75	.10
Medium Double Blue. Rich, heavy, curious flowers.	1/4 oz., 75 cts.....	2		2.50	.15
Medium Double White. Of waxy appearance.	1/4 oz., 75 cts.....			2.50	.15
Medium Double Rose.	1/4 oz., 75 cts.....			2.50	.15
Medium Double Mixed.	1/4 oz., 75 cts.....			2.50	.10
Medium Calycanthema, "Cup and Saucer." A race of Canterbury Bells having large semi-double flowers resembling a cup and saucer.					
"Cup and Saucer." Blue.	1/4 oz., \$1.00.....	2	H.B.	2.50	.15
"Cup and Saucer." Rose.	1/4 oz., \$1.00.....			3.50	.15
"Cup and Saucer." White.	1/4 oz., \$1.00.....			3.50	.15
"Cup and Saucer." Finest Mixed.	1/4 oz., \$1.00.....			3.00	.10
CANARY BIRD VINE. Pretty climber, with yellow, butterfly-like flowers....					
		10	H.A.C.	.40	.05
CANDYTUFT. Showy branching plants, much grown in masses in beds or for edging; also grown extensively for cut-flowers.....					
			H.A.		
Coronaria Empress. A large-flowered variety of purest white, grown extensively for cut flowers.	1/4 oz., 20 cts.....	1		.60	.10
Coronaria Little Prince. Very large heads of pure white flowers.....		1/2		1.00	.10
Cornaria Giant Hyacinth-Flowered. White.....		1		.60	.10
Marshall's White Perfection. A grand white variety.	1/4 oz., 50 cts.....	1		1.50	.10
Rose Cardinal. Bright rosy cardinal, a rich and striking color.	1/4 oz., 50 cts.	1		1.50	.10
The Pearl. A very fine pure white; of branching habit.....		1		1.00	.10
Umbellata Dunnetti. Dark crimson.....		1	H.A.	.50	.10
Umbellata lilacina. Lilac-purple.....		1		.50	.10
Umbellata Dwarf Hybrids. Mixed colors; neat and pretty.....		1/2		1.00	.10
Mixed Annual Sorts.		1		.30	.05
Sempervirens. White flowers.	1/4 oz., \$1.00.....	1	H.P.	3.50	.10
Gibraltarica. Beautiful bluish-white.	1/4 oz., \$1.00.....	1	H.P.	3.00	.10
CANNA, Mixed. Dark-leaved variety.....					
		3	G.P.	.35	.10
Crozy's Large-flowering. Dwarf, mixed varieties.....					
		2		.35	.10
CARDINAL CLIMBER (See Ipomœa Cardinalis). 1/8 oz., 75 cts.....					
		30	H.A.C.		.15
CARNATION. Sown under glass in early Spring, or later in the open ground, the plants will flower second Summer.					
Marguerite (Dianthus Caryophyllus fl. pl.). The perpetual-flowering Carnations produce a large proportion of double flowers in six months from sowing.					
Marshall's Giant, Double Scarlet.	1/4 oz., \$1.50.....	1 1/2	H.H.P.		.10
Marshall's Giant, Double White. Large, perfect flowers.	1/4 oz., \$1.50...	1 1/2			.10
Marshall's Giant, Double Yellow. A clear soft shade.	1/4 oz., \$1.50.....	1 1/2			.10
Marguerite, Double Tall Mixed. All colors.	1/4 oz., 50 cts.....	1 1/2		1.50	.10
Marguerite, Giant Double Mixed. Extra large and perfect-flowering, in a rich variety of colors.	1/4 oz., \$1.00.....	1 1/2		3.50	.25
Grenadine Double Scarlet. Very early flowering.	1/4 oz., \$1.00.....	2			.10
Fine Double Mixed. A good strain for outdoor culture.....		2		2.50	.10
Finest Double Mixed. Saved from extra fine flowers.....		2			.25
Chabaud's Everblooming. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed.....					
		1 1/2			.25
Early Dwarf Vienna. Double mixed.	1/4 oz., 75 cts.....	1		2.00	.10
CASTOR BEANS. (See Ricinus.)					
CELOSIA CRISTATA, or COCKSCOMB. Popular annual of easy culture, producing cockscomb-like heads.....					
			H.H.A.		
Childsi. Chinese Wool Flower. Flowers similar to balls of wool and a deep crimson-scarlet color.	1/8 oz., \$1.00.....	2			.10
Empress. Crimson combs; dark foliage.	1/4 oz., \$1.00.....	3/4			.10
Glasgow Prize. Large, deep crimson.	1/4 oz., \$1.00.....	1			.10
Queen of the Dwarfs. Very dwarf form, deep crimson.	1/4 oz., \$1.00.....	1/2			.10
Dwarf. Mixed colors. Extra fine strain.	1/4 oz., \$1.00.....				.10



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
CELOSIA PLUMOSA, or OSTRICH PLUME. Producing large, graceful plumes. Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for Winter bouquets.....					
			H.H.A.		
Pyramidalis Magnifica Aurea. Golden-yellow plumes. ¼ oz., 75 cts.....	3			\$2.00	\$0.10
Pyramidalis Magnifica Kermesina. Crimson plumes. ¼ oz., 75 cts.....	3			2.00	.10
Pyramidalis Magnifica Coccinea. Scarlet plumes. ¼ oz., 75 cts.....	3			2.00	.10
Pyramidalis Magnifica Purpurea. Dark crimson. ¼ oz., 75 cts.....	3			2.00	.10
Pyramidalis Thompson's Superb (Triomphe de l'Exposition). Of pyramidal growth and producing graceful, feathery plumes; dwarf habit, dark crimson. ¼ oz., 50 cts.....	3			1.50	.10
Pyramidalis plumosa, Mixed. Feathered varieties in all colors.....	3			1.25	.10
Pride of Castle Gould. All shades in choicest mixture; branching habit.....	4				.25
Spicata. Rose, changing to silvery white. Fine for pots or cutting.....	3			.50	.10
CELSIA ARCTURUS. Long spikes of bright yellow flowers.....	3		G.P.		.25
CENTAUREA. Beautiful silvery foliated bedding plants; used for bordering.					
Candidissima. Round, compact plants; white leaves, broadly cut.....	1		H.H.P.	4.00	.10
Gymnocarpa. Fine cut silvery foliage. ¼ oz., 50 cts.....	1½			1.50	.10
CENTAUREA. They flower finest in full sun and poor soil. Sow in the open ground in Spring.					
Americana. Bushy garden plants; lavender-blue; fragrant. ¼ oz. 75 cts...	3		H.A.	2.00	.10
Chameleon. Large; yellow and rose. ¼ oz. 75 cts.....	1½			2.00	.10
Margaritæ. Pure white, 2½ inches across, exquisitely lacinated and delightfully scented. ¼ oz. 35 cts.....	1½			1.00	.10
Montana. Large flowers of deep purple, very showy. ½ oz. 35 cts.....	2		H.P.	2.00	.15
Moschata, Mixed Sweet Sultan. ¼ oz. 30 cts.....	1½			1.00	.10
Suaveolens, Yellow Sweet Sultan. Fine for cutting.....	1½			.60	.10
CENTAUREA Cyanus (Bachelor's Button, Cornflower, Blue Bottle, or Ragged Sailor). This is one of the most popular annuals; will grow in the poorest of soil, either on seashore or mountains.....					
			H.A.		
Marshall's Double Blue. Fine for cutting. ¼ oz., 30 cts.....	1½			1.00	.10
Liberty Blue. The true Emperor deep blue Bachelor's Button.....	1½			.50	.10
Rosea. Rose-pink.....				.50	.10
White. Very pretty for decorations and borders.....				.50	.10
Finest Mixed.....				.30	.05
CENTAUREA IMPERIALIS, Giant Imperial Sweet Sultans. The finest of all Sweet Sultans for cut flower purposes.....					
	3		H.H.A.		
Separate Colors: Lilac, White, Pink, with White Center, Purple, Rose. ¼ oz., 50 cts.....				1.50	.10
Finest Mixed. All colors. ¼ oz., 30 cts.....				1.00	.10
CERASTIUM Tomentosum (Snow in Summer). A dwarf, white-leaved edging plant with small white flowers. ⅛ oz., 50 cts.....					
	½		H.P.		.25
CHRYSANTHEMUM, Annual Varieties. Showy, hardy annuals of easiest cultivation and blooming from July until frost.					
Coronarium Compactum, White Pearl. Fine for cutting. ¼ oz. 25 cts..	1		H.A.	.75	.10
Coronarium Compactum, Primrose Queen. ¼ oz. 25 cts.....	1			.75	.10
Coronarium, Double White	1½			.50	.10
Coronarium, Double Yellow.....				.50	.10
Coronarium, Double Mixed. Yellow, white, etc.....				.30	.05
Inodorum Plenissimum. Free-flowering variety of spreading habit, with pure white flowers, resembling Asters. ¼ oz. 35 cts.....	1			1.00	.10
Tricolor. Lord Beaconsfield. White and rose.....	1			.50	.10
Tricolor. Morning Star. Large primrose flowers.....	1			.50	.10
Northern Star. Large ivory white flowers with sulphur zone.....	1			1.00	.10
Tricolor, Single. Finest mixed.....	1			.40	.05
Tricolor, Double-Fringed Mixed. This is a very graceful flower.....	1			.75	.10
Collection of Six Varieties. Annual.....					.50
CHRYSANTHEMUM, Perennial Varieties.					
Frutescens (The White Paris Daisy). Charming plant for greenhouse or Summer bedding outdoors. ⅛ oz., 25 cts.....	1½		G.P.		.10
Japonicum fl. pl. From finest Japanese flowers. Extra choice mixture....	3		G.P.		.25
Maximum, "Perfection." Very free-flowering; pure white.....	½		H.P.	1.00	.10
Maximum, "Princess Henry." Compact growth; well formed, pure white flowers. ¼ oz., 50 cts.....	½		H.P.	1.50	.10
Leucanthemum hybridum (The Shasta Daisy). Pure white; very large. ¼ oz., 50 cts.....	3		H.P.	1.50	.10
CINERARIA maritima candidissima. A white-leaved "Dusty Miller," used for bedding.....					
	1		H.H.P.	.60	.10

Owing to present condition we reserve the right to substitute other varieties if we cannot supply kinds ordered.

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt
CINERARIA hybrida. One of the most gorgeous-colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September.					
Marshall's Matchless Prize Mixed. Every shade of blue, crimson, violet and pink, both in self colors and with white edge or center. The flowers are often 3 inches in diameter and the plants of excellent habit.....		2	G.P.	.....	\$0.50
Grandiflora, Matchless Dwarf Prize Mixed. This strain is just as choice as above, but different in height.....		1½	.....	.....	.50
Stellata hybrids, Mixed Colors. Tall, pyramidal plants, bearing star-like flowers.....		2	.....	.....	.25
CLARKIA. This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are fine seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade.					
Brilliant. Double salmon-scarlet flowers. ¼ oz., 50 cts.....		2	H.A.	\$1.50	.10
Queen Mary. Very bright rose carmine, double flowers. ¼ oz., 50 cts.....		2	.....	1.50	.10
Rosea flore plena. Double rose. ¼ oz., 25 cts.....		2	.....	.75	.10
Salmon Queen. Extra double salmon-pink. ¼ oz., 25 cts.....		2	.....	.75	.10
Scarlet Queen. Fine double, brilliant salmon orange scarlet. ¼ oz., 50 cts..		2	.....	1.50	.10
White. Very double, pure white flowers. ¼ oz., 30 cts.....		2	.....	1.00	.10
Double Mixed. All colors.....		2	.....	.50	.05
CLIANTHUS Dampieri (Austrian Glory Pea). Scarlet flowers.....		3	G.S.	.....	.15
CLERODENDRON Fallax. Erect growing greenhouse plant, with large spikes of scarlet flowers.....		...	G.P.	.....	.50
COBÆA Scandens. Tender climber, large, bell-shaped blue flower.....		20	H.A.C.	1.00	.10
White. Large white bell-like flowers. ¼ oz., 60 cts.....		...	.....	2.00	.10
COCCINEA indica. Annual climber, scarlet fruits, mottled white.....		10	H.A.	1.00	.10
COCKSCOMB. (See <i>Celosia Cristata</i> .)					
COLEUS, Marshall's Matchless Mixed. Richly colored foliage.....		2	G.P.	.....	.25
COLLINSIA. Charming annual. Finest mixed.....		1	H.A.	.30	.10
COLUMBINE. (See <i>Aquilegia</i> .)					
CONVOLVULUS, or Morning Glories. (See also <i>Morning Glory</i> .) Deservedly very popular, as they are of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation.					
Major, Mixed Colors. Climbers of rapid growth.....		30	H.A.C.	.20	.05
Minor, or Bush Morning Glories. Mixed colors.....		1	H.A.	.20	.05
COREOPSIS. Long-stemmed, large, single flowers.					
Grandiflora. Large flowers of rich yellow. ¼ oz., 25 cts.....		2	H.P.	.75	.10
Lanceolata. Yellow. ¼ oz., 25 cts.....		2	.....	.75	.10
CORN, Rainbow. Variegated leaves, striped in green, white and yellow.....		5	H.A.	.25	.10
CORNFLOWER. (See <i>Centaurea Cyanus</i> .)					
COSMOS. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted.....					
Double Crested. New varieties with semi-double flowers.		...	H.A.	.....	.....
Carmine King. Bright red. ¼ oz., \$1.00.....		5	H.A.	.....	.10
Pink Beauty. A lovely shade of pink. ¼ oz., \$1.00.....		5	.....	.....	.10
White Queen. Pure white. ¼ oz., \$1.00.....		5	.....	.....	.10
Double Varieties. Very fine full round double flowers.		...	.....	.....	.....
Double Crimson. 1-16 oz. \$1.00.....		5	.....	.....	.25
Double Pink. 1-16 oz. \$1.00.....		5	.....	.....	.25
Double White. 1-16 oz. \$1.00.....		5	.....	.....	.25
Giant Early Flowering. Crimson. ¼ oz., 30 cts.....		4	.....	1.00	.10
Giant Early Flowering. Pink. ¼ oz., 30 cts.....		...	.....	1.00	.10
Giant Early Flowering (The Bride). White, tinted pink.....		...	.....	1.00	.10
Giant Early Flowering. White. ¼ oz., 30 cts.....		...	.....	1.00	.10
Giant Early Flowering. Mixed colors; compact, bushy growth.....		...	.....	1.00	.10
Giant Late Flowering. Lady Lenox. Pink.....		5	.....	.60	.10
Giant Late Flowering. Lady Lenox, White. A pure white type of the popular Pink variety.....		5	.....	1.00	.10
Giant Late Flowering. Red.....		...	.....	.60	.10
Giant Late Flowering. White.....		...	.....	.60	.10
Giant Late Flowering Mixed. All shades.....		...	.....	.60	.05
Klondyke. Large flowered golden yellow.....		5	.....	1.00	.10
COWSLIP, Mixed (<i>Primula veris</i>). A Spring-flowering plant.....		½	H.P.	.....	.10
CUPHEA Platycentra (Cigar Plant). Valuable as a bedding and border plant. The flowers are scarlet with a black and white lip.....		1	H.H.P.	.....	.25



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
CYCLAMEN. These are among the choicest of flowering greenhouse plants. Seed should be sown from October until January.....					
Marshall's Giant Varieties (<i>Persicum giganteum</i>).....	1/2	G.P.	.....	
Crimson King. Dark crimson. 100 seeds, \$1.50.....					\$0.50
Excelsior. White, with claret base. 100 seeds, \$1.50.....					.50
Eileen Low. Pink, with blush white crest on each petal.....					.50
Giant Lilac. 100 seeds, \$1.50.....					.50
Giant White. 100 seeds, \$1.50.....					.50
Mrs. Buckston. Salmon-pink, heavily fringed.....					.50
Salmon Queen. Salmon. 100 seeds, \$1.50.....					.50
St. George. Pale salmon, with marbled foliage.....					.50
Victoria. A pretty form with colored fringe at the top of the petals. In several colors.....					.50
Marshall's Giant Mixture. Includes all the brilliant colors. 100 seeds, \$1.50.....					.50
Papillio, or Giant Fringed. Mixed colors; flowers beautifully fringed.....					.50
CYPERUS alternifolius (Umbrella Plant). Handsome plants, easily raised from seed; used for table decorations and combining with palms; semi- aquatic.....					
	2	H.H.P.	.....		.10
CYPRESS VINE. A fast growing annual vine, with feathery dark-green foliage and star-like flowers.....					
	20	H.A.C.	.....	
Bright Scarlet.....				\$0.50	.10
Finest Mixed.....				.50	.10
DAHLIA. Although perennials, these will flower the first season.....					
	4	H.H.P.	.....	
Collarette. Single flowers in various colors, with white quilled and tufted centers; very showy. 1/8 oz., 50 cts.....				3.00	.10
Double-Large-flowering. Double mixed colors. 1/4 oz., 50 cts.....				1.50	.10
Cactus. New choice varieties. Mixed colors. 1/8 oz., 35 cts.....				2.00	.10
Single, Large-flowering. Mixed. Self and striped flowers.....				1.00	.10
DAISY, Double. (See <i>Bellis Perennis</i>).					
DATURA (Trumpet Flower). Robust garden annual, bearing large trumpet- shaped flowers.....					
	4	H.H.A.	.....	
Double Flowering. Mixed (<i>Fastuosa</i> fl. pl.) 1/4 oz. 25 cts.....				.75	.10
Cornucopia (Horn of Plenty). Flowers white and purple. 1/4 oz. 25 cts....				.75	.10
DELPHINIUM (Larkspur). Larkspur are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubbery and are splendid for cut flower use.....					
		H.P.	.....	
Belladonna. Very large-flowered, light azure blue. 1/8 oz. 75 cts.....	3				.25
Chinensis album. Pure white. 1/4 oz., 35 cts.....	3			1.00	.10
Chinensis azureum. Azure blue. 1/4 oz., 35 cts.....	3			1.00	.10
Chinensis Mixed (<i>Grandiflorum</i>). Shades of blue and pure white.....	1 1/2			1.00	.10
Formosum. Brilliant blue, white center; especially fine and attractive. 1/4 oz. 50 cts.....	3			1.50	.10
Formosum <i>coelestinum</i> . Sky-blue; handsome. 1/4 oz., 30 cts.....	3			1.00	.10
Hybridum <i>grandiflorum</i> fl. pl. Finest double sorts in choice colors; superb mixture. 1/4 oz., \$1.00.....	3			3.00	.25
Marshall's Matchless Hybrids. Choice show Hybrids, saved from the best named varieties. 1/8 oz., \$1.00.....	3				.25
Zalil (<i>sulphureum</i>). Very beautiful, with long spikes of yellow flowers.....					.25
DIANTHUS (Chinese or Indian Pinks). These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors.....					
		H.H.A.	.....	
SINGLE ANNUAL PINKS.					
Heddewigii. Large, attractive flowers of most brilliant colors. Finest mixed. 1/4 oz., 25 cts.....	1			.75	.10
Laciniatus Single Mixed. Fringed flowers of all colors. 1/4 oz., 30 cts.....	1			1.00	.10
DOUBLE ANNUAL PINKS.					
Dianthus Chinensis fl. pl. (Chinese Pink). Large, double flowers in un- limited variety of colors. Finest Mixed. 1/4 oz. 25 cts.....	1	H.A.		.75	.05
Diadematus fl. pl. (Double Diadem Pink). Large, double flowers. Mixed.	1	H.A.		1.00	.10
Heddewigii fl. pl. (Japanese Pink). Large, double flowers of exquisite colors. Finest Mixed. 1/4 oz., 50 cts.....	1			1.50	.10
"Fireball." Large double; brilliant red. 1/4 oz., 75 cts.....	1			2.00	.15
Laciniatus "Snowball." Extra large, double, pure white. 1/4 oz., 75 cts..	1			2.00	.15
Laciniatus fl. pl. Double fringed flowers; beautifully striped; many colors. Mixed. 1/4 oz., 75 cts.....	1			2.00	.15
Collection of Double Annual Pinks. Six varieties.....					.40

NOTICE—Under present condition we do not guarantee to deliver all varieties of Flower seeds, but will endeavor to fill all orders to best advantage.



NAME AND DESCRIPTION.

 Height
in feet Duration Ounce Pkt.

DIANTHUS—Continued.

HARDY PERENNIAL PINKS.

Plumarius fl. pl. Pheasant's Eye. Pretty fringed double flowers.....	1	H.P.	\$2.00	\$0.10
Plumarius semperflorens (Perpetual Pink). Mixed, single and double. 1/8 oz., 35 cts.....	1	.....	2.00	.10

DIGITALIS, or Foxglove. Hardy perennials, producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half shady places.....

H.P.	.....	.....
Marshall's Superb Purple. 1/4 oz., 50 cts.....	3	1.25 .15
Marshall's Superb Yellow. 1/4 oz., 50 cts.....	3	1.25 .15
Marshall's Superb White. 1/4 oz., 50 cts.....	3	1.25 .15
Marshall's Superb Mixed. All colors. 1/4 oz., 35 cts.....	3	1.00 .15
Monstrosa, Mixed. Very large flowers. 1/4 oz., 75 cts.....	4	2.00 .15
Finest Mixed. (Common Foxglove). 1/4 oz. 20 cts.....	3	.60 .05

DIMORPHOTHECA aurantiaca. Daisy-like blossoms of a rich orange color; the disc is dark and surrounded by a black zone.....

H.A.	1.00	.10
.....	1.50	.10

DOLICHOS, or Hyacinth Bean. Annual climbers, with clusters of bean-like flowers.....

H.A.C.	.....	.....
"Daylight." This grand Hyacinth Bean comes from Japan. Flowers pure white; pea shaped.....	10	.30 .10
"Darkness." Identical in every way to the above, except in color, which is a rich purple violet.....	.....	.30 .10
Lablab. Separate colors: Red, White and Violet. Each.....	.....	.25 .10
Lablab, Mixed. Purple and White.....	.....	.20 .05

DORONICUM Caucasicum. Effective Spring-flowering plant, with bright yellow flowers.....

H.P.25
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DRACÆNA Indivisa. For vases, pots, etc., narrow green leaves.....

G.P.	.60 .10
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ECHEVERIA. A showy plant, for rockeries or carpet beds.....

G.P.
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Metallica. Pinkish leaves; flowers yellow and red.....	125
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ECHINOCYSTIS Lobata (Wild, or California Cucumber). The fastest growing annual vine in existence; will grow 20 feet in six weeks. Pretty foliage and inconspicuous white flowers.....

H.A.C.	.30 .05
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ECHINOPS, Ritro (Blue Globe Thistle). Purple.....

H.P.	.50 .10
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EREMURUS Robustus. Gold Medal Hybrids. Stately plant with long spikes of flowers.....

H.P.25
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ERYNGIUM Amethystinum (Sea Holly). Spiny foliage and small Amethyst-blue flowers in large panicles.....

H.P.10
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ERINUS Alpinus. Blue; beautiful for baskets.....

H.P.25
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ESCHSCHOLTZIA, or California Poppy. Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine cut, glaucous foliage; in bloom from June to frost.

Californica. Bright yellow. 1/4 oz. 20 cts.....	1	H.A.	.50 .10
Californica alba. White. 1/4 oz. 20 cts.....	.....	.....	.50 .10
Carmine King. Beautiful deep red. 1/4 oz., 20 cts.....	.....	.....	.60 .10
Chrome Queen. A beautiful clear chrome yellow. 1/8 oz., 75 cts.....	.....	.....	.15
Crimson King. Beautiful crimson scarlet. 1/4 oz. 20 cts.....	.....	.....	.60 .10
Dainty Queen. Blush-pink on cream ground. 1/8 oz., 75 cts.....	.....	2.00	.10
Golden West. Large flowers of deep yellow shade. 1/4 oz., 20 cts.....	2	.....	.60 .10
Mandarin. Large, scarlet, inside orange.....	1	.....	.50 .10
Rose Cardinal. A distinct color.....	1	.....	.60 .10
Single Mixed. All colors.....40 .05

EUPATORIUM Fraseri. White, fine for cutting. 1/4 oz., 25 cts.....

H.P.	.75 .10
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EUPHORBIA Heterophylla (Fire on the Mountain). Leaves large and glossy green, often tipped with orange-scarlet. 1/4 oz., 50 cts.....

H.A.	1.50 .10
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Variegata (Snow on the Mountain). White and green bracts; excellent for bouquets. 1/4 oz., 20 cts.....	260 .10
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FERN, Greenhouse Variety Mixed.....

G.P.25
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FEVERFEW. (See Matricaria.)

FORGET-ME-NOT. (See Myosotis.)

FOXGLOVE. (See Digitalis.)

FOUR O'CLOCKS. (See Marvel of Peru.)

FRANCOA Ramosa Hybrida Rosea. Long sprays of rose flowers.....	2 1/2	H.B.25
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FREESIA, New Hybrids Mixed. Shades of pink, red, violet, yellow, etc.....	2	G.P.25
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GAILLARDIA. Showy garden annuals, with large flowers.

ANNULARIA. Snowy garden annuals, with large flowers.					
Amblyodon. Blood red. 1/4 oz., 35 cts.....	2	H.A.	1.00	.10	
Picta Mixed, Single. Annual varieties.....			.60	.10	
Lorenziana, Double Mixed.....			.60	.10	
Giant Hybrids, Mixed. Perennial. 1/4 oz., 35 cts.....	2	H.P.	1.00	.10	
Marshall's Matchless Hybrids. A grand new improved strain; enormous flowers and very strong habit. 1/8 oz., \$1.00.....	2				.25



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
GAURA, Lindheimeri. Graceful spikes of rosy-white flowers.....	3	H.P.	\$0.60	\$0.10
GENTIANA Acaulis (Gentian). Intense blue, bell-shaped flowers.....	¼	H.P.	.....	.10
GERANIUM. Well-known plants for garden or pot culture.				
Zonale. Finest mixed.....	2	G.P.	.....	.10
GERBERA Jamesoni Hybrida (The Transvaal Daisy). Fine for cut flowers or bouquets. 100 seeds, \$1.00.....	1½	H.H.P.	.....	.25
GEUM Atrosanguineum. Large, double crimson flowers. ¼ oz., 35 cts.....	2	H.P.	1.00	.10
Mrs. Bradshaw. Double orange-scarlet flowers, very large and full. ⅛ oz., 50 cts.....	1½	.....	2.00	.25
GLOBE AMARANTH, Gomphrena. Clover-like heads of flowers; esteemed as everlasting.....	.....	H.A.	.....	.....
Globosa alba. White.....	1	.....	.40	.10
Globosa rosea. Rose.....	1	.....	.40	.10
Globosa. Mixed colors.....	1	.....	.40	.10
GLOXINIA. Charming pot plants, flowering during Summer in the greenhouse or window.....	.....	G.P.	.....	.....
Marshall's Matchless. Erect giant-flowering, mixed. Saved from the very choicest erect flowering varieties in cultivation. A grand variety of colors..	.....	.....	.....	.50
GODETIA. Bushy annual, with showy large flowers. ¼ oz., 25 cts.....	1½	H.A.	.....	.....
Brilliant. Glowing carmine. ¼ oz., 25 cts.....	1½	.....	.75	.10
Duchess of Albany. Satiny-white. ¼ oz., 25 cts.....	1½	.....	.75	.10
Gloriosa. Compact, brilliant blood-red. ¼ oz., 25 cts.....	1	.....	.75	.10
Rosy Morn. A lovely coral pink, very double flowers.....	1	.....	.....	.25
Finest Mixed Colors......	.....	.....	.40	.10
GOURDS. Thrifty annual climbers, bearing "Ornamental Gourds".....	20	H.A.C.	.....	.....
Apple-shaped......	.....	.....	.30	.05
Bottle-shaped......	.....	.....	.30	.05
Calabash or African Pipe Gourd.....	.....	.....	.50	.10
Dipper-shaped......	.....	.....	.30	.05
Dish Cloth (Chinese Loofa, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow.....	.....	.....	.30	.05
Egg. Fruit white; resembles eggs.....	.....	.....	.30	.05
Hercules' Club. Enormous fruit; often 4 feet long, thicker at the base.....	.....	.....	.30	.05
Mock Orange or Orange-shaped......	.....	.....	.30	.05
Pear-shaped......	.....	.....	.30	.05
Sugar Trough......	.....	.....	.30	.05
Mixed Ornamental Varieties......	.....	.....	.25	.05
Collection of Ten Varieties of Gourds......	.....	.....	.....	.40
GRASSES, ORNAMENTAL. A most valuable class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent for borders, clumps on lawn or near ponds. The annual sorts are particularly pretty on account of the graceful, feathery flower panicles, which are used in bouquets.				
Agrostis Nebulosa. Very graceful and pretty.....	1½	H.A.	.....	.10
Briza Maxima (Quaking Grass). Very pretty.....	1½	H.A.	.....	.10
Coix Lachryma (Job's Tears). Foliage quite broad. Seeds prominent, very large and shiny.....	3	H.A.	.50	.10
Erianthus Ravennæ. Silvery plumes, resembling Pampas Grass.....	8	H.P.	.60	.10
Eulalia Zebrina. White striped foliage, very ornamental. ¼ oz., 35 cts... 4	4	H.P.	1.00	.10
Gynerium Argenteum. The famous Pampas Grass, with beautiful silvery plumes.....	10	H.P.	.60	.10
Hordeum Jabatum (Squirrel-tail Grass). A pretty variety, with bushy panicles of flowers.....	3	H.A.	.50	.10
Pennisetum Longistylum. An annual grass, with gracefully drooping heads.. 2	2	H.A.	1.00	.10
Pennisetum Ruppelianum. Hardy perennial grass, growing 3 feet high, with violet-tinted silvery plumes. The deep green foliage is long and slender. ¼ oz., 35 cts.....	3	H.P.	1.00	.10
GREVILLEA Robusta (Silk Oak). With graceful foliage. ¼ oz., 50 cts.....	5	G.S.	1.50	.10
GYPSOPHILA (Baby's Breath). Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.				
Elegans alba grandiflora. An improved large flowering, pure white form of the annual Baby's Breath, of free and easy growth.....	1½	H.A.	.40	.10
Elegans carminea. Carmine rose.....	1	H.A.	.50	.10
Rosea grandiflora. Delicate rose.....	1½	H.A.	.40	.10
Muralis. Bright rose. ¼ oz., 35 cts.....	¾	H.A.	1.00	.10
Paniculata. One of the finest for cutting. Pure white flowers, very small and borne in large panicles. ¼ oz., 25 cts.....	2	H.P.	.75	.10
Paniculata flore plena. A double-flowering variety; pure white.....	2	H.P.	.....	.25
HELIANTHUS. (See Sunflower).				

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
HELICHRYSUM , or Straw Flower. Large, double "everlasting" flowers.					
Large Flowering, Double, Mixed Colors.	1/4 oz., 25 cts.	1 1/2	H.A.	\$0.75	\$0.10
HELIOTROPE . Well known fragrant flowering plants for pots or gardens.					
Marshall's Blue Perfection. Light blue.		1 1/2	G.P.		.25
Anna Tureil. Dark blue.					.10
Finest Mixed. 1/8 oz., 40 cts.					.10
Lemoine's Giant Hybrids, Mixed.					.10
HEUCHERA Sanguineus splendens . Long spikes of fiery-red flowers.					
Sanguinea Hybrida. Fine for borders. Mixed colors.		3	H.P.		.10
HIBISCUS Africanus . Yellow, with narrow center.					
Marshall's Rainbow Grandiflorus Hybrids. New Giant flowering Marsh-		1	H.P.	.50	.15
mallows. Very large flowers in various colors. 1/8 oz., 50 cts.		6	H.P.		.10
Moscheutos (Swamp Rose Mallow). Flowers of a light rosy-red, with dark					
center.		2	H.A.	.50	.10
HOLLYHOCKS . One of the showiest of hardy garden plants. No garden is					
complete without these stately flowers. Hollyhocks are troubled of late with					
a rust, which can be prevented if plants are sprayed frequently in early					
Spring with Bordeaux Mixture.					
Marshall's Giant. Double Apple Blossom. 1/8 oz., 60 cts.		6	H.P.	4.00	.10
Marshall's Giant. Double Scarlet. 1/8 oz., 60 cts.				4.00	.10
Marshall's Giant. Double Rose. 1/8 oz., 60 cts.				4.00	.10
Marshall's Giant. Double Sulphur Yellow. 1/8 oz., 60 cts.				4.00	.10
Marshall's Giant. Double White. 1/8 oz., 60 cts.				4.00	.10
Marshall's Giant. Double Violet Purple. 1/8 oz., 60 cts.				4.00	.10
Marshall's Giant. Double Fine Mixed. 1/8 oz., 50 cts.				2.50	.10
Chater's Extra Choice, Double, Mixed Colors. 1/8 oz., 75 cts.				3.50	.10
Hybrid Everblooming, Double, Mixed. Flowers the first season from seed.					
Very fine colors. 1/4 oz., 50 cts.				1.50	.10
Collection of Double Hollyhocks. Six colors.					.50
Marshall's Giant. Single Pink. 1/4 oz., \$1.00.				3.00	.10
Marshall's Giant. Single Red. 1/4 oz., \$1.00.				3.00	.10
Marshall's Giant. Single Yellow. 1/4 oz., \$1.00.				3.00	.10
Marshall's Giant. Single White. 1/4 oz., \$1.00.				3.00	.10
Marshall's Giant. Single Mixed. All colors. 1/4 oz., 30 cts.		6		1.00	.10
Hybrid Everblooming, Single, Mixed. 1/4 oz., 30 cts.				1.00	.10
HONESTY , Lunaria Biennis. Has silvery seed pouches; used for Winter					
decorations. 1/4 oz., 20 cts.		2	H.B.	.60	.10
HUMULUS Japonicus (Japanese Hop). A climber with dense green foliage.					
1/4 oz., 20 cts.		30	H.A.C.	.60	.10
Japonicus Fol. Variegatis. Variegated foliage.				.75	.10
HUNNEMANNIA Fumariæfolia (Giant Yellow Tulip Poppy). Flowers are					
Tulip-shaped, pure golden yellow. When cut and put in water they will					
last a full week. 1/4 oz., 35 cts.					
		2	H.A.	1.00	.10
HYACINTH BEAN . (See Dolichos.)					
IBERIS . (See Candytuft.)					
ICE PLANT . (See Mesembryanthemum Crystallinum.)					
IMPATIENS . (Sultan's, or Zanzibar Balsam.) Charming plants for deco-					
ration of the greenhouse or table, producing waxy looking flowers profusely					
and continuously.					
Sultani. Flowers of brilliant rosy-scarlet color.		2	G.P.		.10
Holstii Hybrids. Form strong bushy plants covered with attractive flowers.					
As pot plants they bloom the year round. Choicest mixed colors.		2			.10
INCARVILLEA Delavayi . The flowers are borne on long, stout stems, tube-					
shaped. Color bright rose. 1/8 oz., 50 cts.					
		2	H.P.		.10
IPOMÆA Morning Glory . (See also Convolvulus.) Climbers of rapid					
growth, with beautiful and varied flowers; for covering walls, trellises, arbors					
or stumps of trees they are invaluable.					
Double "Snowy Fairy." A beautiful climbing annual.		20	H.A.C.		.10
Cardinalis, "Cardinal Flower." A rapid growing annual with deep cardinal					
red flowers and lacinated foliage. 1/8 oz., 75 cts.		30			.15
Grandiflora alba (Moonflower). Large, heart-shaped leaves and large, pure				.75	.10
white flowers, which open only late in the evening.					
Rubro Cærulea (Heavenly Blue). Beautiful, large, sky-blue flowers.		10		.50	.10
Setosa (Brazilian Morning Glory). Large, ornamental foliage, with bright,				.50	.10
rose flowers.					
Imperial Japanese, Mixed. A great improvement over the old-fashioned					
sorts.		15		.40	.10
Quamoclit . (See Cypress Vine.)					
KALANCHOE Flammea . Splendid greenhouse plant with large heads of					
orange scarlet flowers.					
		1 1/2	G.S.		.35



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
KENILWORTH IVY.	Neat, hardy climber, clinging to walls, etc.....	6	H.P.	\$2.00	\$0.10
KOCHIA Tricophylla	(Belvidere Summer Cypress, or Mexican Firebush). Grows in a perfectly pyramidal shaped cypress bush, with small feathery, light-green foliage. Becomes a lovely crimson hue about September.....	2½	H.A.	.50	.10
KUDZU VINE (Pueraria Thunbergiana).	A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped blossoms. ¼ oz., 50 cts.....	30	H.P.	1.50	.10
LANTANA.	One of the most desirable greenhouse or bedding plants; con- stantly in bloom. Newest hybrids, mixed. ¼ oz., 35 cts.....	2	G.S.	1.00	.10
LATHYRUS Latifolius, Perennial Sweet Pea.	Hardy climbers. Fine for cutting.....	8	H.P.	.....	.....
Latifolius.	Purplish-red.....	.....	.....	.....	.10
Latifolius albus.	Pure white.....	.....	.....	.60	.10
White Pearl.	A large flowering, robust growing variety of the above.....	.....	.....	2.00	.25
Pink Beauty.	Rosy-pink.....	.....	.....	.60	.10
Finest Mixed.	All colors.....	.....	.....	.50	.10
LARKSPUR.	Elegant and ornamental plants, producing in great variety of form of some of the most beautiful flowers in cultivation.				
Marshall's Invincible Branching.	Azure-blue. ¼ oz., 50 cts.....	2	H.A.	1.50	.10
Marshall's Invincible Branching.	Carmine.....	.....	.....	1.50	.10
Marshall's Invincible Branching.	Flesh color.....	.....	.....	1.50	.10
Marshall's Invincible Branching.	Red-striped. ¼ oz., 50 cts.....	.....	.....	1.50	.10
Marshall's Invincible Branching.	Rose. ¼ oz., 50 cts.....	.....	.....	1.50	.10
Marshall's Invincible Branching.	White. ¼ oz., 50 cts.....	.....	.....	1.50	.10
Marshall's Invincible Branching.	Finest Mixed. ¼ oz., 35 cts.....	.....	.....	1.00	.10
Newport Scarlet.	Can be treated either as an annual or biennial.....	2	.....	2.00	.10
Dwarf Rocket.	Finest colors. Fine for bedding.....	1	H.A.	.40	.05
Tall Rocket.	Mixed. Long, showy spikes.....	2	.....	.40	.05
Collection Invincible, Branching, Four Varieties.	.....	.....	.....	.....	.30
Perennial Larkspur.	(See Delphinium.)				
LAVATERA splendens rosea	(Pink Mallow). Bushy plants; produce large, open, pink, mallow-like flowers in great profusion.....	3	H.A.	1.00	.10
Splendens alba.	Large glossy white flowers.....	3	H.A.	1.00	.10
Finest Mixed Colors.	.....	.....	.....	.50	.10
LEMON VERBENA.	(See Verbena.)				
LINARIA Cymbalaria.	(See Kenilworth Ivy.)				
LINUM grandiflorum rubrum.	Single, scarlet flowers.....	1	H.A.	.30	.10
LOBELIA.	Bushy plants, with pendant branches; very profuse flowering. Fine for baskets or edging borders.				
Marshall's Compact.	The finest dark blue Lobelia, the plants are compact covered with a profusion of bloom. ⅙ oz., \$1.00.....	1½	.....	.....	.25
Erinus Crystal Palace, compacta.	Dark blue. ⅙ oz., 50 cts.....	¾	H.H.A.	.....	.10
Erinus compacta, Emperor.	Light blue. ⅙ oz., 50 cts.....	.....	.....	.....	.10
Erinus speciosa.	Bright blue flowers. ⅙ oz., 40 cts.....	1½	.....	2.25	.10
Erinus gracilis.	Blue flowers; trailing. ⅙ oz., 30 cts.....	1½	.....	2.00	.10
Erinus Mixed Colors.	White, blue, rose, etc. ¼ oz., 50 cts.....	.....	.....	1.50	.10
Tenuior.	Upright habit with very large blue flowers; adapted for pots or borders.....	1	H.H.A.	.....	.10
Perennial Varieties:					
Cardinalis	(Cardinal Flower). A native variety, with spikes of scarlet flow- ers; fine border plant.....	3	H.P.	.....	.25
LOPHOSPERNUM Scandens.	Dark rose. A rapid-growing climber.....	8	H.H.A.	.....	.10
LOVE-LIES-BLEEDING.	(See Amaranthus.)				
LOVE-IN-A-MIST.	(See Nigella.)				
LUPINUS.	Free-flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations.				
Hartwegi Blue.	A delicate shade. ¼ oz., 35 cts.....	2	H.A.	1.00	.10
Hartwegi White.	Splendid for cutting. ¼ oz., 35 cts.....	2	H.A.	1.00	.10
Hybridus roseus.	Rose. ¼ oz., 35 cts.....	2	H.A.	1.00	.10
Tall Mixed, Annual Varieties.	.....	2	H.A.	.50	.05
Polyphyllus albus.	White.....	2	H.P.	.50	.10
Polyphyllus cærulea.	Blue.....	2	.....	.50	.10
Polyphyllus roseus.	Rose.....	2	.....	.50	.10
Snow Queen.	A grand variety; pure white. ¼ oz., 35 cts.....	2	H.P.	1.00	.10
Mixed, Perennial Varieties.	.....	3	H.P.	.40	.10
LYCHNIS Chalcedonica.	The old favorite Scarlet Lychnis. ¼ oz., 35 cts....	4	H.P.	1.00	.10
Haageana Hybrids, Mixed Colors.	Bushy little plants. ⅙ oz., 50 cts....	1	.....	.....	.15
MALOPE, grandiflora.	Mixed. Very showy border annual; large flowers....	2	H.A.	.40	.10

Owing to present condition we reserve the right to substitute other varieties if we cannot supply kinds ordered.

NAME AND DESCRIPTION.	Height in feet	Duration	Ounce	Pkt.
MARIGOLD. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.				
African Varieties.....	2	H.A.	.....	.....
Marshall's Lemon Queen. A charming shade. ¼ oz., 25 cts.....	.....	.....	\$0.75	\$0.10
Marshall's Prince of Orange. Beautiful orange color. ¼ oz., 25 cts.....	.....	.....	.75	.10
Mixed Double. ¼ oz., 20 cts.....	.....	.....	.50	.05
Collection, Double African. Six colors separate.....	.....	.....	.....	.30
French Varieties:				
Dwarf Gold Striped. Rich and quaintly striped double flowers.....	1	H.A.	.75	.10
Legion of Honor. Single yellow blooms, marked with red.....	¾	.....	.75	.10
Dwarf Mixed, Double. ¼ oz., 20 cts.....	1	.....	.50	.05
Collection, Double French Dwarf. Six colors separate.....	.....	.....	.....	.30
MARVEL OF PERU. A well known, handsome, free-flowering garden favorite, does well everywhere. Mixed. (Four O'Clocks).....				
.....	2	H.A.	.25	.05
MATHIOLA bicornis (Evening Scented Stock). Very sweet-scented lilac flowers.....				
.....	½	H.H.A.	.40	.10
MATRICARIA (Feverfew). Low-growing plants; suitable for beds and edgings.....				
.....	.....	H.H.P.	.....	.....
Capensis plena. Dwarf double White. ¼ oz., 20 cts.....	1	.....	.60	.10
Golden Ball. Very striking double golden-yellow flowers. ⅛ oz., \$1.00....	1	.....	.....	.10
Silver Ball. Dainty double white spherical flowers. ⅛ oz., \$1.00.....	1	.....	.....	.15
MAURANDYA, Mixed Colors. Tender climber.....				
.....	6	H.H.P.	.....	.10
MESEMBRYANTHEMUM Crystallinum (Ice Plant). A dwarf trailing annual plant; flowers white. ¼ oz., 35 cts.,.....				
.....	½	H.H.A.	1.00	.10
MIGNONETTE, Large-Flowering. The popular fragrant garden annual. The seed can be sown at any time, and, if successive sowings are made, its fragrant, modest-colored flowers may be gathered outdoors until November.....				
.....	.....	H.A.	.....	.....
Allen's Defiance. Full round spikes of great length. ¼ oz., 25 cts.....	1½	.....	.75	.10
Bismarck. Improved Dwarf. Machet variety.....	1	.....	1.00	.10
Crimson Giant. Deep red flowers. ¼ oz., 35 cts.....	.....	.....	1.00	.10
Goliath. Red; enormous spikes. ¼ oz., 50 cts.....	1	.....	1.50	.10
Golden Queen. Compact yellow flowers.....	1	.....	.50	.10
Machet, Dwarf. Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. ¼ oz., 35 cts.....	¾	.....	1.00	.10
Majesty. Selected strain for pots or benches. ⅛ oz., \$1.00.....	1½	.....	.....	.50
New York Market. The finest of all the fancy varieties of Mignonette for Winter forcing. Seed saved from selected spikes under glass. ⅛ oz., \$1.00.	1½	.....	.....	.50
Sweet-Scented, (Reseda Odorata grandiflora). The large flowering garden variety.....				
.....	1	.....	.25	.05
MIMOSA pudica (Sensitive Plant). The leaves close when touched.....				
.....	1	H.H.A.	.60	.10
MIMULUS trigrinus, Spotted, Mixed (Monkey Flowers).....				
.....	1	H.A.	.....	.10
Moschatus (Musk Plant). Fragrant; for pots.....	½	H.H.P.	.....	.05
MINA lobata. Rapid climber, with crimson and orange flowers.....				
.....	10	H.A.C.	.....	.10
MOMORDICA. Trailing plants, with curious and ornamental foliage and remarkable fruit.				
Balsamina (Balsam Apple). Orange fruit.....	15	H.A.C.	.50	.10
Charantia (Balsam Pear). Copper colored scarlet fruit.....	15	.....	.50	.10
MOON FLOWERS. (See <i>Ipomœa grandiflora</i> .)				
MORNING GLORIES. (See <i>Ipomœa</i> and <i>Convolvulus</i> .)				
MUSK. (See <i>Mimulus</i> .)				
MYOSOTIS, or Forget-Me-Nots. Perennials and hardy if given slight protection through the Winter. Seed may be sown any time from Spring till Mid-Summer.				
Alpestris, Blue. ¼ oz., 35 cts.....	½	H.P.	1.00	.10
Alpestris, Mixed Colors. White, blue, pink, etc. ¼ oz., 35 cts.....	.....	.....	1.00	.10
Dissitiflora. Blooms very early; flowers blue. ⅛ oz., \$1.00.....	1	.....	.....	.10
Palustris Semperflorens. Dark blue. ⅛ oz., \$1.00.....	1	.....	.....	.10
Marshall's Royal Blue. Early and free flowering, color deep indigo blue. Fine for borders or cutting. ⅛ oz., \$1.00.....				
.....	¾	.....	.....	.25
Robusta grandiflora, Eliza Fonrobert. A very strong-growing variety. ¼ oz., 50 cts.....				
.....	1	.....	1.50	.10
Ruth Fischer. Compact growth; blue flowers.....	¾	.....	.....	.25
Victoria. The plants are of dwarf, compact growth, with multitude of bright blue flowers in dense umbels. ¼ oz., 60 cts.....				
.....	½	.....	2.00	.15
MYOSOTIDIUM nobile. (New Zealand Forget-Me-Not). Azure blue, edged white.....				
.....	2	H.P.	.....	.25

Owing to the unusual conditions prevailing at the present time the prices quoted in this catalogue are subject to change without notice.



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
NASTURTIIUM (<i>Tropæolum nanum</i>.)					
Tom Thumb, or Dwarf Varieties. These have a compact habit and attractive foliage; are not disturbed by insects; bloom in two months from sowing, and most profusely the whole season.					
Aurora. Yellow-veined.	1	H.A.	.....	.....	.....
Beauty. Yellow and scarlet.	1	H.A.	\$0.25	\$0.10	
Cloth of Gold. Scarlet, yellow foliage.			.25	.10	
Empress of India. Crimson, dark foliage.			.25	.10	
King Theodore. Garnet; dark foliage.			.25	.10	
King of Tom Thumbs. Scarlet.			.25	.10	
Luteum. Bright yellow; no blotches.			.25	.10	
Pearl. Creamy white.			.25	.10	
Rose Color.			.25	.10	
Marshall's Dwarf Rainbow Mixture. These contain all the leading named sorts, mixed. 1/4 lb., 60 cts., lb., \$2.00.					
Collections of 12 Varieties.			.20	.05	
NASTURTIIUM (<i>Tropæolum majus</i>.)					
Tall, or Climbing Varieties. Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers.					
Chameleon. Various colors on one plant.	6	H.A.C.	.....	.....	.....
Dark Crimson.			.25	.10	
King Theodore. Crimson; dark foliage.			.25	.10	
Pearl. Creamy white.			.25	.10	
Rose (von Moltke).			.25	.10	
Scarlet.			.25	.10	
Yellow.			.25	.10	
Vesuvius. Salmon rose.			.25	.10	
Marshall's Tall Rainbow Mixture. From the best varieties. 1/4 lb., 60 cts., lb., \$2.00.					
Collection of 12 Varieties.			.20	.05	
LOBB'S NASTURTIIUMS (<i>Tropæolum Lobbianum</i>)					
Lobb's Finest Mixture.	6	H.A.C.	.....	.....	.....
Madame Gunther Hybrids. A French strain; noted for wide range of fine colors.			.25	.10	
NEMESIA Strumosa grandiflora Suttonii. Bushy plants; flowers of unique form. 1/16 oz., \$1.00.					
Compacta Triumph. New dwarf compact. Finest mixture. 1/16 oz., \$1.00.	3/4	H.A.	.....	.25	
NEMOPHILA. Splendid free-flowering annual, with cup-shaped flowers of many bright colors. Mixed colors.					
NICOTIANA affinis. Fragrant, star-shaped white flowers.	1	H.A.	.40	.05	
Affinis Hybrids. Large-flowered; scented. All shades; mixed.	3	H.H.A.	.60	.10	
Sanderæ Hybrids. All colors.	2		1.00	.10	
Sylvestris. Large drooping clusters of pure white flowers.	3		.75	.10	
NIEREMBERGIA Frutescens. For hanging baskets or borders; large, cup-shaped lilac flowers. 1/4 oz., 50 cts.					
NIGELLA (Love-in-a-Mist). Beautiful border plants.	4		.50	.10	
Miss Jekyll. A lovely variety with Cornflower-blue blossoms; splendid for cutting. 1/4 oz., 20 cts.	1	H.H.P.	1.50	.10	
Miss Jekyll White. Valuable for borders and cutting. 1/4 oz., 35 cts.	...	H.A.	.....	.....	.....
Finest Mixed. Blue, white and purple.	1 1/2		.50	.10	
ÆNOTHERA (Evening Primrose). Finest mixed.					
PANSIES are the most popular flowers grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering, and August for early flowers the following Spring. Our Mixtures contain a large variety of colors.	1 1/2		1.00	.10	
Marshall's Chelsea Exhibition. This strain of Exhibition Pansies won the first prize at the Boston Show the past two years. They are without doubt the finest strain for forcing or out-door planting obtainable. 1/16 oz., \$2.00.	1 1/2		.30	.05	
Marshall's Greenhouse Mixture. A selection of varieties adapted for growing under glass. 1/16 oz., \$1.25.	1	H.A.	.30	.10	
Marshall's Matchless Mixture. This matchless strain consists entirely of the newest best-shaped and most handsome flowers, including an immense variety of brilliant colors. The seeds we offer are carefully saved from the largest selected flowers. 1/8 oz., \$2.00.	1/2	H.H.P.	.....	.....	.....
Marshall's Superb Giant, Mixed. A rich and most choicely varied mixture. Producing only the finest colors, largest flowers and beautiful forms. 1/8 oz., \$1.50.			12.00	.50	
Good Mixed Pansies. 1/4 oz., 50 cts.			8.00	.25	
Giant Trimardeau, Mixed. Large flowers in a good variety of colors. 1/4 oz., \$1.00.			1.50	.05	
			3.00	.10	

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
PANSY.—Continued.					
GIANT PANSIES, in Varieties.					
Giant Emperor. Ultramarine blue.	¼ oz., \$1.25.....			\$4.00	\$0.10
Giant Fire King. Crimson-purple and golden yellow.	¼ oz., \$1.25.....			4.00	.10
Giant Golden Queen. Beautiful pure yellow.	¼ oz., \$1.50.....			5.00	.10
Giant Golden Yellow, with dark eye.	¼ oz., \$1.25.....			4.00	.10
Giant King of the Blacks.	¼ oz., \$1.25.....			4.00	.10
Giant Lord Beaconfield. Violet, shaded white.	¼ oz., \$1.25.....			4.00	.10
Giant Snow Queen. Pure white.	¼ oz., \$1.25.....			4.00	.10
Giant Striped. Variety of markings.	¼ oz., \$1.25.....			4.00	.10
Giant White, with black eye.	¼ oz., \$1.25.....			4.00	.10
Collection of Six Varieties Giant Named.....					.50
Collection of Nine Varieties Giant Named.....					.75
PAPAVER. (See Poppies.)					
PASSION FLOWER, <i>cærulea</i> . Large; violet and blue.....		10	H.H.P.		.10
PENTSTEMON. Highly useful and attractive hardy perennials, and much used in the hardy border.					
Gentianoides, Fine Mixed Colors.....		2	H.P.	2.00	.10
Gloxinioides "Sensation." A grand variety of colors. Will bloom from seed in June if sown early in March.....		2	H.P.		.10
Marshall's Matchless Hybrids. A superb mixture of the best perennial sorts. ⅙ oz., \$1.00.....			H.P.		.25
PERILLA <i>nankinensis</i> . Ornamental-leaved plants.....		1½	H.A.	.40	.10
PETUNIA. One of our easiest cultivated and freest-flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost.....					
			H.A.		
Marshall's Double Giant, Fringed, Finest Mixed Hybrids. An exceptionally fine strain, remarkable for the large, beautiful, colored, double flowers..	1				.50
Single Varieties:					
Marshall's Superb Large-Flowered Mixed (California Giants). Magnificent flowers, with throats, beautifully veined.....	1½				.25
Marshall's Superb Large-Flowered Fringed, Mixed. Flowers with fringed and frilled edges; distinct and beautiful.....	1½				.25
Large-Flowered, Finest Mixed. Fine large flowers in superb mixture. ⅙ oz., \$1.00.....	1½				.10
Fine Mixed. An assortment of medium-sized flowers; fine for bedding. ¼ oz., 30 cts.....	1			1.00	.05
Maculata, Striped and Blotched. (Inimitable.) Flowers quite large and handsomely striped and spotted. ¼ oz., 40 cts.....	1			1.50	.10
Adonis. Very showy, fiery carmine, white throat, free blooming and compact growth. ⅙ oz., \$1.00.....	1				.10
Norma. Blue with white star, compact habit, very showy. ⅙ oz., \$1.00..	1				.10
Howard's Star. Crimson, with white star. ⅙ oz., 50 cts.....	1				.10
Rosy Morn. Soft carmine pink. ⅙ oz., 75 cts.....					.15
Snowball. Dwarf pure white; a fine bedding variety. ⅙ oz., 50 cts.....	¾				.10
Snowstorm. Pure white; large-flowering.....					.25
PHACELIA <i>Campanularia</i> . Very showy with bright blue bell-shaped flowers. ¼ oz., 50 cts.					
PHLOX, <i>Drummondii grandiflora</i> . Improved large-flowering strains of this famous garden annual. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost.....					
	1	H.A.			...
Blood-Purple. ¼ oz., 75 cts.....				2.00	.10
Brilliant Rose. ¼ oz., 75 cts.....				2.00	.10
Crimson. ¼ oz., 75 cts.....				2.00	.10
Salmon Rose. Salmon with yellow eye. ¼ oz., 75 cts.....				2.00	.10
Vivid Scarlet. ¼ oz., 75 cts.....				2.00	.10
White. ¼ oz., 75 cts.....				2.00	.10
Yellow. ¼ oz., 75 cts.....				2.00	.10
Stellata splendens. Star-like crimson. ¼ oz., 75 cts.....				2.00	.10
Choicest Mixed. Contains a very large variety of color. ¼ oz., 50 cts.....				1.50	.10
PHLOX, Large-Flowering Dwarf Varieties. Effective for beds or borders...					
			H.A.		...
Nana Compacta Fireball. Bright red. ¼ oz., \$1.50.....	½			5.00	.10
Nana Compacta Snowball. Compact, pure white. ¼ oz., \$1.50.....	½			5.00	.10
Nana Compacta Mixed Colors. Star-shaped flowers. ¼ oz., \$1.25.....	½			4.00	.10
PHLOX, Hardy Perennial <i>Decussata</i> . Most brilliant colored flowers in late Summer and Fall. ¼ oz., 75 cts.....					
	3	H.P.	2.50		.10
PHYSALIS, <i>Franchetti</i> (Giant Winter Cherry). Balloon-like fruits.....	3	H.B.			.10
PHYSOSTEGIA (False Dragon Head.)					
Virginica. One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers. ⅙ oz., 50 cts.....	3	H.P.			.10
Virginica alba. Pure white. ⅙ oz., 50 cts.....	3				.10



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
PICOTEES, Choice Double.	Mixed colors.....	1	H.H.P.	.....	\$0.10
PINKS. (See Dianthus.)					
PLATYCODON.	The large-flowering Chinese Bell Flowers.....		H.P.	.....	.....
Grandiflorum.	Large steel-blue flowers. 1/8 oz., 50 cts.....	2	.....	\$3.00	.10
—album.	Pure white variety. 1/8 oz., 50 cts.....	2	.....	3.00	.10
Mariesi.	Dwarf, large-flowered, blue. 1/8 oz., 50 cts.....	1	.....	3.00	.10
POLYANTHUS, Mixed Colors.	Fine varieties. 1/8 oz., 50 cts.....	1/2	H.P.	.....	.10
Marshall's Matchless Gold Laced.	Saved from the largest flowers in a wide range of colors.....				.25
PORTULACA.	One of the freest-flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors.....	1/2	H.A.	.....	.....
Single. Separate Colors: Rose, Scarlet, White, Yellow.	1/4 oz., 35 cts... ..			1.00	.10
Single. Finest mixed.	1/4 oz., 25 cts.....			.60	.05
Double Large-Flowering.	Finest Mixed. Will produce a large percentage of double flowers in many colors. 1/4 oz., \$1.00	1/2	.....	3.50	.10
POPPIES.	Showy, free-blooming, old-fashioned flowers. Very effective in mixed borders.....		H.A.	.....	.....
Single Annual Varieties:					
Glaucum.	The scarlet Tulip Poppy. 1/4 oz., 35 cts.....	1	.....	1.00	.10
King Edward.	Free-flowering, beautiful scarlet.....	1	.....	1.00	.10
Miss Sherwood.	Flowers satiny-white and chamoise rose.....	1	.....	.30	.10
The Shirley.	Their brilliant, dazzling coloring and wonderful variety make a very effective display in the garden or for cut flowers.				
Marshall's Extra Selected Shirley.	A grand variety of colors, saved from selected flowers. 1/4 oz., 35 cts.....	1	.....	1.00	.10
Finest Mixed Shirley.	Flowers in a great variety.....	1	.....	.50	.05
The Bride.	A beautiful variety with large pure white flowers.....			.50	.10
Virginia.	Flowers white, edged soft pink; fringed.....	1	.....	.50	.10
Single Mixed Poppies.	All kinds.....	1	.....	.25	.05
Double Annual Varieties:					
American Flag.	White, edged red.....	1	H.A.	.30	.10
Mikado.	White, edged scarlet.....	1	.....	.25	.10
White Swan.	Large, beautifully fringed white flowers.....	1	.....	.25	.10
Carnation-Flowered.	Mixed colors.....	1	.....	.30	.05
Pæony-Flowered.	Mixed colors.....	1	.....	.30	.05
Hardy Perennial Varieties:					
Bracteatum.	Orange-scarlet hardy poppy. 1/4 oz., 25 cts.....	1	H.P.	.75	.10
Iceland Poppies.	While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.				
Nudicaule (Iceland Poppy).	Dwarf, bright yellow. 1/4 oz., 35 cts.....	1	H.P.	1.00	.10
Nudicaule Aurantiacum.	Orange. 1/4 oz., 35 cts.....			1.00	.10
Nudicaule album.	Pure white. 1/4 oz., 35 cts.....			1.00	.10
Nudicaule Mixed Iceland Poppies.	1/4 oz., 25 cts.....			.75	.10
Orientele White.	A pure satiny white with crimson blotch at the base of each petal.	3	H.P.	.....	.25
Orientele Mixed Hybrids.	Finest shades. 1/4 oz., 25 cts.....	3	H.P.	.75	.10
PRIMULA SINENSIS. Fimbriata (Chinese Primrose).	A Charming profuse-flowering plant, indispensable for Winter and Spring decoration.....	3/4	G.P.	.....	...
Marshall's Giant.	Deep blue.....				.50
Marshall's Giant.	Pure white.....				.50
Marshall's Giant.	Salmon.....				.50
Marshall's Giant.	Scarlet.....				.50
Marshall's Giant.	Matchless Mixed.....				.25
PRIMULA Obconica.	One of the most useful greenhouse plants.				
Obconica Gigantea alba.	White.....	1	G.P.	.....	.25
Obconica Gigantea lilacina.	Lilac.....				.25
Obconica Gigantea Kermesina.	Crimson.....				.25
Obconica Gigantea rosea.	Rose.....				.25
Obconica Gigantea Finest Mixed.	.....				.25
PRIMULA Malacoides.	A charming free-flowering pot plant; delicate lilac... ..	1	H.H.P.	.....	.25
Malacoides alba.	Pure white.....				.25
Malacoides rosea.	Charming rose pink.....				.25
Kewensis.	Bright yellow, fragrant flowers.....	1 1/2	G.P.	.....	.25
Stellata (The Star Primula).	Excellent pot plants for decoration purposes.				
Mixed colors.....		1	G.P.	.....	.25
Hardy Primulas or Primroses:					
Beesiana.	Very free flowering. Glowing velvety-purple with yellow eye... ..		H.H.P.	.....	.25
Japonica (Japanese Primrose.)	Mixed colors. 1/4 oz., \$1.00.....	1	H.P.	.....	.10
PRIMROSE, Marshall's New Blue.	Many shades of blue to deep violet.....	1/2	H.P.	.....	.25
Vulgaris.	English yellow primrose. 1/8 oz., 75 cts.....	1/2	H.P.	3.00	.10



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
PYRETHRUM. Fine for edging and borders.....					
Aureum Golden Feather. Bright yellow foliage. ¼ oz., 20 cts.....		1½	H.H.P.	.60	.10
Aureum Golden Gem. ¼ oz., 50 cts.....		1½		1.50	.10
Hybridum. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall.					
Single. Large flowering, mixed colors. ¼ oz., \$1.00.....		2	H.P.	3.50	.10
Hybridum fl. pl., Double. Large-flowering; beautiful colors.....		2			.25
REHMANNIA Angulata. Flowers rose-purple with spotted throat.....					
		3	H.H.P.		.25
RHODANTHE (Swan River Everlasting.) For borders or pot culture.					
Maculata. Rose with dark center. ¼ oz., 35 cts.....		1	H.A.	1.00	.10
Maculata Alba. Pure white. ¼ oz., 35 cts.....		1		1.00	.10
Finest Mixed. ¼ oz., 35 cts.,.....		1		1.00	.10
RICINUS (Castor Oil Plant). From seed they quickly attain gigantic proportions, and are ornamental till destroyed by frost.					
Cambogiensis. Maroon foliage.....		5	H.H.A.	.25	.05
Gibsoni. Purplish leaves and stems.....		6		.25	.05
Panormitanus. Large, dark brown leaves, blue powdered stems, upright habit		6		.25	.05
Sanguineus. Red stems.....		6		.20	.05
Zanzibariensis, Mixed. Immense leaves.....		8		.25	.05
Mixed Varieties.....				.15	.05
ROCKET, Sweet. A very interesting, useful and free-flowering plant.					
Purple, White or Finest Mixed. Each ¼ oz. 20 cts.....		1½	H.P.	.50	.10
ROMNEYA Coulteri. The California Tree Poppy.....					
		2	H.H.P.		.10
RUDBECKIA Bicolor Superba. Yellow flowers.....					
		2	H.A.		.10
Neumanni. Bright orange with black cone.....		2	H.P.		.10
Purpurea Hybrida Grandiflora. Beautiful large-flowered hybrids.....		2	H.P.		.25
SALPIGLOSSIS. One of the prettiest annuals of easy culture; very showy in beds or borders. A great favorite among annuals, of easy culture, with orchid-like flowers from early summer until late fall.....					
		2	H.A.		
Marshall's Matchless Chamois. ⅛ oz., 50 cts.....					.10
Marshall's Matchless Golden Yellow. ⅛ oz., 50 cts.....					.10
Marshall's Matchless Dark Scarlet. ⅛ oz., 50 cts.....					.10
Marshall's Matchless Purple. ⅛ oz., 50 cts.....					.10
Marshall's Matchless Rose and Gold. ⅛ oz., 50 cts.....					.10
Marshall's Matchless Scarlet and Gold. ⅛ oz. 50 cts.....					.10
Marshall's Matchless Violet and Gold. ⅛ oz., 50 cts.....					.10
Marshall's Matchless Yellow and White. ⅛ oz., 50 cts.....					.10
Marshall's Matchless Mixture. All colors. ¼ oz., 75 cts.....					.10
Large-Flowering. Mixed colors.....		1		.75	.10
Collection of six separate colors.....					.50
SALVIA (Flowering Sage). One of our most handsome Summer- and Autumn-flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers.....					
			H.A.		
Marshall's Fireflame. A dwarf large flowering Salvia, very early flowering; plants compact and covered with long spikes of brilliant scarlet flowers.					
⅛ oz., \$1.00.....		1½		6.00	.15
America or Globe of Fire. The earliest, freest, and most continuous bloomer. Brilliant scarlet flowers, borne well above the plant. ⅛ oz., \$1.00.					
		1½			.15
Bonfire. A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. ⅛ oz., 50 cts.....					
		2		3.00	.10
Farinacea. Light blue flowers, long spikes. ⅛ oz., 35 cts.....					
		2½	H.H.P.	2.00	.10
Ostrich Plume. The plants are well covered with brilliant-scarlet plumes of flowers. ⅛ oz., \$1.00.....					
		2		6.00	.10
Splendens grandiflora (Scarlet Sage). A rich-flowered bedder.....					
		3		1.50	.10
Zurich. Early-flowering; color brilliant scarlet. ⅛ oz., \$1.00.....					
		1¼		6.00	.15
Patens. Magnificent blue flowers. ⅛ oz., \$1.00.....					
		3	H.H.P.		.25
SAPONARIA Calabrica. Dwarf annual with pink starry flowers.....					
		1	H.A.	.75	.10
SCABIOSA, or Mourning Bride. Very showy, free-flowering annual. Fine for cutting and borders.....					
			H.A.		
Tall Double. Fiery Scarlet. ¼ oz., 35 cts.....		2½		1.00	.10
Tall Double. Lavender Blue. ¼ oz., 35 cts.....				1.00	.10
Tall Double. Rose Pink. ¼ oz., 35 cts.....				1.00	.10
Tall Double. Pure White. ¼ oz., 35 cts.....				1.00	.10
Tall Double. Finest Mixed. All colors.....				.50	.10
Dwarf Double. Many colors mixed.....				.50	.05
Perennial Varieties.					
Caucasica Alba. Delicate white flowers. ⅛ oz., 50 cts.....		2	H.P.		.10
Caucasica. Silvery lavender-blue. ⅛ oz., 50 cts.....		2	H.P.		.10
Caucasica Hybrida Mixed. Hardy perennial with large flowers.....		2	H.P.		.10



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt
SCHIZANTHUS. Popularly known as the Poor Man's Orchid, for its wonderful coloring.....					
			H.H.A.		
Dr. Badger's Hybrids. Fern-like bright green foliage, covered with a beautiful range of colors. Grand for pot culture.....		2			\$0.50
Grahami. Free flowering red variety.....		2			.25
Hybridus grandiflorus. Finest Mixed. Very choice.....		1½		1.50	.10
Pink Beauty. Flowers an exquisite shade of rose pink. Fine for pot plants and decorating.....		1½			.25
Retusus. Beautiful red and yellow flowers.....		2			.25
Retusus Albus. White blotched with golden yellow.....		2			.25
Wisetonensis, Marshall's Select Hybrids. Flowers varying from white with yellow eye, to rose with bronze center. Fine for pots.....		1½			.25
Wisetonensis Compacta, Mixed. Beautiful and varied colors.....		1			.25
SEDUM Cæruleum (Blue Stonecrop). For rockwork or edgings.....		¼	H.A.		.10
SENECIO. (See Jacobæa.)					
SENSITIVE PLANT. (See Mimosa pudica.)					
SHAMROCK. True small leaved variety. ¼ oz., 30 cts.....		¼	G.P.		.10
SILENE compacta. Double. Mixed colors.....		1	H.A.	.40	.10
SMILAX (Myrsiphyllum asparagoides). ¼ oz., 25 cts.....		2	G.P.	.75	.10
SNAPDRAGON. (See Antirrhinum.)					
SOLANUM Capsicastrum nanum. Jerusalem Cherry. ¼ oz., 50 cts.....		2			.10
STATICE Latifolia. Lavender-blue flowers. ¼ oz., 50 cts.....		2	H.P.		.10
STEVIA Serrata. Fine for bouquets. ¼ oz., 50 cts.....		1½	T.P.	1.50	.10
STOCKS. Fine for garden decoration; flowers double, of various colors and very fragrant.....			H.A.		
Marshall's Giant Perfection Ten-Week. A splendid double-flowered strain; especially adapted for bedding or pot culture.....		2			
Giant Perfection, Chamoise Rose. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Dark Blue. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Crimson. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Flesh Color. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Light Blue. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Pure White. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Rose. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Scarlet. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Yellow. ⅛ oz., \$1.00.....				7.00	.25
Giant Perfection, Finest Mixed. All colors. ⅛ oz., \$1.00.....				6.00	.25
Large Flowering Ten Weeks, Mixed Colors. ⅛ oz., 75 cts.....		1		3.00	.10
Large-Flowering. Collection of Six Colors.....					.50
Large-Flowering. Collection of Nine Colors.....					.75
Winter Flowering Stocks:					
Cut-and-Come-Again, Princess Alice. Double white. ⅛ oz., \$1.00.....		2		6.00	.25
Beauty of Nice. Splendid rose color. ⅛ oz., \$1.00.....		2		5.00	.25
Crimson King. Brilliant fiery crimson. ⅛ oz., \$1.00.....				5.00	.25
Giant Abundance. Carmine-rose. ⅛ oz., \$1.00.....				6.00	.25
Mont Blanc. Pure white..... ⅛ oz., \$1.00.....				6.00	.25
Queen Alexandra. Delicate rosy lilac. ⅛ oz., \$1.00.....				5.00	.25
Yellow, Monte Carlo. Clear yellow. ⅛ oz., \$1.00.....				6.00	.25
East Lothian. Valuable for beds or borders and for greenhouses during the Winter months. For early summer flowering, the seed should be sown in the fall and plants wintered over in frames. Seed can be sown in the summer and plants lifted for winter flowering in the greenhouse					
East Lothian, Crimson. 1-16 oz., \$1.00.....					.25
East Lothian, Brilliant Rose. 1-16 oz., \$1.00.....					.25
East Lothian, Purple. 1-16 oz., \$1.00.....					.25
East Lothian, Scarlet. 1-16 oz., \$1.00.....					.25
East Lothian, White. 1-16 oz., \$1.00.....					.25
East Lothian, Finest Mixed. 1-16 oz., \$1.00.....					.25
STOKESIA cyanea. Lavender-blue flowers. ¼ oz., 60 cts.....		2	H.P.	2.00	.10
Cyanea alba. A pure white-flowering form. ¼ oz., 75 cts.....				2.00	.10
Finest Mixed. A mixture of pink, purple, blue and white shades. ¼ oz., 75 cts.....				2.00	.10
STREPTOCARPUS Hybridus. Choice mixed.....		½	G.P.		.50
SUNFLOWER. Decorative plants with masses of yellow flowers.....					
Double Californian. Orange.....		5		.30	.05
Single Russian. Enormous flowers.....		4		.20	.05
Double Globe-shaped. Orange.....		6		.25	.05
Chrysanthemum Flowered. Rich golden yellow flowers.....		7		.40	.10
Cucumerifolius (Miniature Sunflower). Of pyramidal growth; covered with bright orange, small, single flowers.....		3		.60	.10



NAME AND DESCRIPTION.	Height in feet	Duration	Ounce	Pkt.
SUNFLOWER—Continued.				
Marshall's "Excelsior" Cucumerifolius Hybrids. The colors vary from shades of red, purple, mahogany and yellow. Very free flowering and valuable for cutting. 1/8 oz., 50 cts.....	3	H.A.	.....	.15
Orion. A variety of Stella with twisted petals.....	3	.....	.60	.10
Red Hybrids, "The Red Sunflower." Large flowers in various shades of red and dark centers.....	6	.....	.50	.10
Stella (Improved Miniature Sunflower). Yellow.....	3	.....	.50	.10
Cucumerifolius Hybridus fl. pl. Splendid double varieties.....	3	.....	.50	.10
Perennis Hybrids. Mixed hardy varieties.....	3	H.P.	.....	.10
SWEET SULTAN. (See Centaurea.)				

SWEET PEAS. WINTER VARIETIES

ORCHID FLOWERING WINTER VARIETIES				Pkt.	1/4 oz.	Oz.
Fordhook Pink. Pink suffused with lavender.....				\$0.25	\$0.75	\$2.00
Fordhook Rose. A charming shade of rosy-carmine.....				.25	.75	2.00
Lavender Orchid. Very large lavender pink flowers.....				.25	.50	1.50
Mrs. A. A. Skach. A beautiful bright pink self.....				.25	.50	1.50
Mrs. M. Spanolin. The purest white; black seeded.....				.25	.50	1.50
Orchid Beauty. Dark rose, blushed with orange.....				.25	.50	1.50
Pink and White Orchid. Extra large flowers on long stems.....				.25	.50	1.50
President Wilson. Beautiful magenta rose.....				.25	.50	1.50
Red Orchid. Bright cherry red, very fine shape.....				.25	.50	1.75
Rose Queen. Beautiful Rose-pink.....				.25	.50	1.50
Scarlet Emperor. Rich Scarlet.....				.25	.50	1.50
Venus. Standard white, slightly blushed pink, wings white.....				.25	.50	1.50
White Orchid. One of the best whites. White seeded.....				.25	.50	1.50
Yarrowa. The finest pink forcer.....				.25	.50	1.50

GRANDIFLORA WINTER VARIETIES				Pkt.	Oz.	1/4 Lb
Christmas Pink. Pink and White.....				\$0.10	\$0.25	\$0.75
Christmas White. A companion to Christmas Pink.....				.10	.25	.75
Flamingo. Crimson.....				.10	.25	.75
Le Marquis. Violet, large flowers.....				.10	.25	.75
Mrs. Alex. Wallace. Lavender.....				.10	.30	1.00
Mrs. C. H. Totty. Sky blue.....				.10	.25	.75
Mrs. F. J. Dolansky. Daybreak pink.....				.10	.25	.75
Mrs. Geo. Lewis. Pure white.....				.10	.25	.75
Mrs. William Sim. Salmon pink.....				.10	.25	.75

NEW LONG SEASON SPENCERS

These California Novelties produce handsome flowers with long stems, are remarkable for their floriferousness and length of blooming period. They can be grown outside or are suitable for forcing under glass.

	Pkt.	1/4 oz.	Oz.
Early Heather Bell. The color is a rich mauve, long stout stems.....	\$0.15	\$0.60	\$2.00
Early King. A glowing rich bright crimson.....	.15	.60	2.00
Early Lavender King. A true deep lavender.....	.15	.60	2.00
Early Melody. A deeper shade of pink than Early Song Bird, on white ground.....	.15	.60	2.00
Early Morning Star. A deep orange-scarlet, with rich orange pink wings.....	.15	.60	2.00
Early Snowflake. The best early flowering white-seeded Spencer.....	.15	.60	2.00
Early Song Bird. A beautiful soft shade of pink, very large flowers.....	.15	.60	2.00
Early Spring Maid. The color is a light pink on a cream ground.....	.15	.60	2.00

CUPID OR DWARF SWEET PEAS

These grow about 9 inches high and are adapted for borders or beds.

Finest Mixed Colors. Pkt. 10c., oz. 25c., 1/4 lb. 75c., lb. \$2.50.

SELECT LARGE-FLOWERED SWEET PEAS

Marshall's Special Mixed. Comprising all the newest and best flowering varieties from named sorts.....	Pkt.	Oz.	1/4 lb.	Lb.
	\$0.05	\$0.10	\$0.30	\$1.00

"MULFORD CULTURES" FOR SWEET PEAS

Sweet Peas flower earlier, longer and better treated with Mulford Cultures.

Small Size, 25c.; garden size, 50c.



SWEET PEAS

There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivalled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

MARSHALL'S SPENCER TYPE SWEET PEAS

The Spencer types of Sweet Peas are a great improvement over the Large Flowering varieties. For cutting and exhibition purposes they are indispensable. The following varieties are a selection of the many kinds of this class best adapted for general use.

	Pkt.	Oz.	¼ lb.	Lb.
America. Bright scarlet-red flaked on white, of the Countess Spencer type.....	\$0.10	\$0.30	\$1.00	\$3.00
Apple Blossom Spencer. Rose standards, blush rose wings, beautifully waved..	.10	.30	1.00	3.00
Asta Ohn. Lavender, tinted with mauve. Large and wavy wings.....	.10	.30	1.00	3.00
Barbara. The best salmon for exhibition purposes.....	.10	.30	1.00	3.00
Blanche Ferry Spencer. Rose standard with white wings.....	.10	.30	1.00	3.00
Black Knight Spencer. Rich deep maroon.....	.10	.30	1.00	3.00
Blue Picotee. White with violet blue edge.....	.10	.30	1.00	3.00
Captain of the Blues. Maroon purple, wings blue.....	.10	.25	.75	2.50
Constance Hinton. Very large, black-seeded white.....	.10	.35	1.00	3.50
Countess Spencer. Soft rose pink; large wavy petals.....	.10	.30	1.00	3.00
Dainty Spencer. White edged with rose.....	.10	.30	1.00	3.00
Decorator. Rich rose overlaid with terra-cotta, intensifying to deep bright orange at base of wings.....	.10	.30	1.00	3.50
Edward Cowdy. The best orange scarlet.....	.10	.35	1.00	3.50
Elfrida Pearson. Blush pink deepening towards the edges.....	.10	.30	1.00	3.00
Evelyn Hemus. Very beautiful, cream edged pink.....	.10	.30	1.00	3.00
Fiery Cross. A fine red or scarlet, without any shading.....	.10	.50	1.50	5.00
Florence Morse Spencer. Light pink, edged with darker pink.....	.10	.30	1.00	3.00
Flora Norton Spencer. Bright blue with a small tint of purple.....	.10	.35	1.00	3.50
Hercules. Rich clear rose-pink. Larger than Countess Spencer.....	.10	.35	1.00	3.50
Helen Lewis. A fine crimson-orange, wings orange-rose.....	.10	.30	1.00	3.00
Illuminator. Brilliant salmon pink, very beautiful variety.....	.10	.40	1.25	4.00
Jean Ireland. Creamy buff, standards margined carmine rose.....	.10	.50	1.50	5.00
John Ingram. Rich carmine-rose.....	.10	.30	1.00	3.00
King Edward Spencer. Bright crimson-scarlet.....	.10	.30	1.00	3.00
King White. A perfect white Spencer, immense petals; finely frilled.....	.10	.50	1.25	4.00
Lavender George Herbert. Bluish lavender. A grand flower.....	.10	.30	1.00	3.00
Lady Evelyn Eyre. Blush pink, white ground; very vigorous grower.....	.10	.30	1.00	3.00
Loyalty. White, flaked royal blue.....	.10	.30	1.00	3.00
Margaret Atlee. Salmon pink, suffused over a cream ground.....	.10	.50	1.25	4.00
Margaret Madison. Delicate azure blue, slightly shaded mauve.....	.10	.30	1.00	3.50
Maud Holmes. A deep carmine scarlet color; of the true Spencer type.....	.10	.30	1.00	3.00
Menie Christie. Purplish carmine, standard wings rosy.....	.10	.25	.75	2.50
Miram Beaver. Beautiful shell salmon pink, cream ground.....	.10	.35	1.00	3.50
Mrs. C. Shaw. A very fine pure lavender.....	.25	...	...	...
Mrs. J. Balmer. A beautiful creamy-apricot pink.....	.10	.35	1.00	3.50
Mrs. Cuthbertson. Standard rose-pink, wings nearly white.....	.10	.35	1.00	3.50
Mrs. Routzahn Spencer. Apricot on buff, suffused with delicate pink.....	.10	.35	1.00	3.50
Mrs. W. J. Unwin. Orange-scarlet, flaked on white; long stems.....	.10	.30	1.00	3.00
Orchid. Rich deep lavender, slightly suffused pink on wings and standards.....	.10	.35	1.00	3.50
Othello. A rich deep maroon of true Spencer type.....	.10	.30	1.00	3.00
Picotee. Flowers white, beautifully edged carmine.....	.10	.35	1.00	3.00
Primrose Spencer. Primrose or creamy yellow.....	.10	.30	1.00	3.00
Queen. (Sutton's). Pink, on cream distinctly waved.....	.10	.30	1.00	3.00
Queen Alexandra Spencer. Crimson scarlet.....	.10	.30	1.00	3.00
Red Isobel. A brilliant sun-proof red.....	.25	...	...	...
Robert Sydenham. A bright orange-salmon self-colored; immense size.....	.10	.50	1.50	5.00
Royal Purple. A rich royal-purple.....	.10	.50	1.50	5.00
Ruby Spencer. The best scarlet, self color.....	.10	.25	.75	2.50
Sincerity. The finest scarlet cerise.....	.10	.50	1.50	5.00
Tennant Spencer. Purplish-mauve; very attractive.....	.10	.30	1.00	3.00
The Lady Eveline. A beautiful rosy-mauve. Very large flower.....	.25	1.50	...	...
Wedgewood. Silvery blue; flowers well placed on long stems.....	.10	.45	1.25	4.00
White Spencer. A pure white with long, strong stems.....	.10	.30	1.00	3.00
Marshall's Matchless Mixed Spencer Hybrids. From named varieties.....	.10	.25	.75	2.50

COLLECTIONS OF SPENCER SWEET PEAS

12 varieties of Spencer Hybrids named for \$1.00, 18 varieties named for \$1.50.



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
SWEET WILLIAM (Dianthus Barbatus). A free-flowering favorite.....			H.P.		
Double Flowering, Mixed.	1/4 oz., 30 cts.....	1 1/2		\$1.00	\$0.10
Single Flowering.	Dark crimson. 1/4 oz., 20 cts.....			.50	.10
Carmine Beauty.	A charming shade of color. 1/4 oz., 75 cts.....			2.00	.10
Diadem.	A deep rich crimson, with white eye. 1/4 oz., 50 cts.....			1.50	.10
Giant White.	A fine type of self-colored white. 1/4 oz., 75 cts.....			2.50	.10
Newport Pink.	Salmon rose-pink flowers borne on long stems. 1/4 oz., 75 cts.....			2.00	.10
Scarlet Beauty.	Intensely rich deep scarlet. 1/4 oz., \$1.00.....			3.50	.10
Pink Beauty.	Very free-flowering. 1/4 oz., 75 cts.....			2.00	.10
Single Flowering, Finest Mixed Colors.				.30	.05
Single Annual Mixed.	Flowers of good size. Will bloom the first year.....	3/4		2.00	.10
Collection of Sweet William.	Six varieties.....				.50
TAGETES, Signata Pumila.	Fine for bedding. 1/4 oz., 30 cts.....	1	H.A.	1.00	.10
THUNBERGIA.	Beautiful rapid-growing climbers. Mixed colors.....	5	H.H.A.	1.00	.10
TORENIA.	Tender trailing plants for vases or baskets.				
Fournieri.	Velvety blue.....	1	H.H.A.		.25
"The Bride."	White and rose.....				.25
TRITOMA, Semperflorens.	Orange red. 1/8 oz., 50 cts.....	3	H.P.		.15
Hybrida Mixed.	Red and orange colors.....	3			.25
TROPÆOLUM Lobianum.	(See Nasturtium.)				
VERBENA.	One of our most valuable bedding plants.				
Helen Willmott.	A very pretty bright salmon rose, with white eye.....	1	H.A.		.10
Mammoth Candidissima.	Large trusses of white flowers.....	1		2.00	.10
Mammoth Cærulea.	Bright blue and purple in various shades.....	1		2.00	.10
Mammoth Defiance.	Brilliant scarlet, fine for bedding.....	1		2.00	.10
Mammoth Pink Shades.		1		2.00	.10
Mammoth Striped.		1		2.00	.10
Mammoth Finest Mixed.	Extra choice. 1/4 oz., 60 cts.....	1		2.00	.10
Lemon Verbena (Aloysia Citriodora).	Scented leaves.....		G.S.		.10
Venosa.	Purple flowers. Blooms the first year from seeds.....	1	H.H.P.	1.00	.10
VERONICA Spicata.	Bright blue flowers.....	1 1/2	H.P.		.10
VINCA.	Very showy for garden beds.....	2	H.H.P.		
Alba pura.	Pure white. 1/4 oz., 60 cts.....			2.00	.10
Alba Rosea.	White, crimson eye. 1/4 oz., 60 cts.....			2.00	.10
Delicata.	A beautiful soft rose color. 1/4 oz., 50 cts.....			1.50	.10
Rosea.	Rose, dark eye. 1/4 oz., 60 cts.....			2.00	.10
Mixed.	1/4 oz., 30 cts.....			1.00	.10
VIOLA, Scotch or Tufted Pansies.	Valuable for bedding and may be grown in the same manner as Pansies. Very free-flowering.....	1/2	H.H.P.		
Golden Gem.	Yellow. 1/8 oz., 50 cts.....			2.50	.10
Lady in White (Snowflake).	1/8 oz., 50 cts.....			2.50	.10
Lutea grandiflora.	Orange. 1/8 oz., 50 cts.....			2.50	.10
Mauve Queen.	Pretty mauve. 1/8 oz., 50 cts.....			3.00	.10
Purple King.	Purple, new. 1/8 oz., 50 cts.....			3.00	.10
White Perfection.	The best white. 1/8 oz., 50 cts.....			3.00	.10
Finest Mixed.	All colors. 1/4 oz., 60 cts.....			2.00	.10
VIOLET.	Sweet scented violet, blue.....	1/2	H.H.P.		.10
VISCARIA.	Mixed colors; large, showy flowers.....	1	H.A.	40	.10
WALLFLOWER, Annual.	Flowers July to Fall from seeds sown in February..				
Annual, Early Paris Market.	Bright brown. 1/4 oz., 35 cts.....		H.A.	1.00	.10
Annual, Blood-Red.	1/4 oz., 25 cts.....	1		.75	.10
Annual, Fine Mixed.		1		.50	.10
Kewensis.	A Winter-flowering variety. 1/8 oz., 50 cts.....	1		3.00	.10
Single Fine Mixed.	Hardy varieties. 1/4 oz., 25 cts.....	1		.75	.10
Double Fine Mixed.	Hardy varieties. 1/8 oz., 75 cts.....		H.H.P.		.10
XERANTHEMUM.	Finest double mixed. 1/4 oz., 30 cts.....		H.H.P.		.10
ZINNIAS (Youth and Old Age).	Bushy plants, bearing large, showy flowers during Summer and Fall.....	2	H.A.		
Elegans fl. pl. Matchless Double.	Crimson. 1/4 oz., 50 cts.....			1.50	.10
Elegans fl. pl. Matchless Double.	Lilac. 1/4 oz., 50 cts.....			1.50	.10
Elegans fl. pl. Matchless Double.	Purple. 1/4 oz., 50 cts.....			1.50	.10
Elegans fl. pl. Matchless Double.	Rose. 1/4 oz., 50 cts.....			1.50	.10
Elegans fl. pl. Matchless Double.	Scarlet. 1/4 oz., 50 cts.....			1.50	.10
Elegans fl. pl. Matchless Double.	White. 1/4 oz., 50 cts.....			1.50	.10
Elegans fl. pl. Matchless Double.	Yellow. 1/4 oz., 50 cts.....			1.50	.10
Elegans fl. pl. Matchless Double.	Fine mixed. 1/4 oz., 40 cts.....			1.25	.10
Dwarf. Scarlet Gem..	Fine for bedding. 1/4 oz., 35 cts.....	2		1.00	.10
Dwarf. Large flowering, double mixed.	1/4 oz., 25 cts.....	1		.75	.10
Tall Double, Mixed.	Very double; a fine strain.....	2 1/2		.50	.05
Collection of Six Colors, Matchless Double Varieties.					.50

NOTICE—Under present condition we do not guarantee to deliver all varieties of Flower seeds, but will endeavor to fill all orders to best advantage.

**ANTIRRHINUM. Snapdragon**

One of the most widely grown plants for greenhouse flowering and outside bedding.

Nelrose. Deep pink. Flowers close together on spike.

Phelp's Giant White. The best white variety.

Plants of any of the above in season, 2¼-in. pots, doz. \$1.50, 100 \$10.00.

Roselle. Very early; fine rose pink.

Silver Pink. A beautiful shade of light pink.

Yellow Giant. Very large flowering; yellow.

CARNATIONS, Choice Varieties

Beacon. The best scarlet.

Benora. Color cream white, red markings.

Cottage Maid. Clear shell pink.

Enchantress. Shell pink.

Enchantress Supreme. Salmon pink.

Good Cheer. A grand rose pink.

Gorgeous. A rich glowing crimson.

Matchless. A very fine white.

Mrs. C. W. Ward. Pleasing shade of pink.

Princess Dagmar. Crimson.

White Enchantress. Pure white.

White Perfection. Large, white.

White Winsor. A white sport.

White Wonder. Large, pure white.

Winsor. Clear silver pink.

Yellow Prince. The best yellow.

Plants from 2¼-inch pots (Spring delivery): Doz. \$1.50, 100 \$10.00.

Field-grown plants (Fall delivery): Doz. \$2.00, 100 \$14.00.

VIOLET PLANTS

Farquhar. Single, blue.

Lady H. Campbell. Fine blue.

Marie Louise. Deep blue.

Princess of Wales. Single blue.

Field-grown roots of the above (Fall delivery): Doz. \$1.50, 100 \$11.00.

BEDDING PLANTS

	Each	Doz.	100		Each	Doz.	100
AGERATUM. Blue or white.	\$0.10	\$1.00	\$6.00	DAISY, English. Red and white.	\$0.10	\$0.75	\$6.00
ASTERS. Double; assorted.	.05	.50	3.50	FORGET-ME-NOT. Blue...	.10	1.00	7.00
BEGONIA Vernon.	.10	1.00	7.00	FUCHSIAS. Named varieties.	.15	1.50	
Luminosa.	.10	1.00	7.00	GERANIUM, Named varieties	.20	2.25	16.00
CANNAS. From 3-inch pots...	.15	1.50	12.00	Ivy-leaved Sorts.	.20	2.25	16.00
Egandale. Dark leaves....	.15	1.50	12.00	HELIOTROPE, Chieftain.			
Florence Vaughan. Yellow, spotted crimson.....	.15	1.50	12.00	Blue.	.15	1.25	9.00
Gladiator. Yellow, spotted red.....	.15	1.50	12.00	Mme. de Blonay. White..	.15	1.25	9.00
King Humbert. Scarlet...	.15	1.50	12.00	LOBELIAS. Blue, dwarf....	.10	1.00	7.00
Mad. Crozy. Red and yellow.....	.15	1.50	12.00	LEMON VERBENA.	.15	1.50	
Mrs. Alf. Conard. Salmon-pink.....	.15	1.50	12.00	MARIGOLDS. Dwarf, French.	.10	1.00	
Richard Wallace. Canary yellow.....	.15	1.50	12.00	MOONFLOWER. White flowers.....	.20	2.00	
Queen Charlotte. Orange..	.15	1.50	12.00	NASTURTIUM. Dwarf, mixed	.10	1.00	7.00
Mixed French Varieties.	.15	1.50	12.00	Climbing, mixed colors.	.10	1.00	7.00
CENTAUREA gymnocarpa.	.10	1.00	7.00	PANSIES. Large, fancy mixed.		.75	6.00
COBÆA scandens. Blue....	.10	1.00		PETUNIA. Double varieties..	.15	1.50	
COLEUS Golden Bedder.		1.00	7.00	Single varieties.	.10	1.00	7.00
Hero. Dark leaves.....		1.00	7.00	SALVIA Bonfire. Scarlet...	.10	1.00	8.00
Mrs. Hays. Yellow and crimson.....		1.00	7.00	Splendens.	.10	1.00	8.00
				Zurich. Dwarf.....	.10	1.00	8.00
				VERBENAS. Finest mixed...	.06	.70	6.00
				VINCAS, rosea and alba....	.25	2.50	20.00
				ZINNIAS. Double mixed....	.05	.50	3.50

GREENHOUSE PLANTS

	Doz.	100
BEGONIA Glory of Cincinnati. 2¼-inch pots.....	\$4.00	\$25.00
Gloire de Lorraine. 2¼-inch pots.....	3.00	20.00
Florence Davenport. 2¼-inch pots.....	4.00	30.00
BOUVARDIA Humboldtii.	2.00	15.00
Pink, red or white.	1.50	10.00
CINERARIA Grandiflora. 2¼-inch pots.....	1.50	10.00
CYCLAMEN giganteum mixed. 2¼-inch pots.....	2.00	12.00
Giganteum mixed. 3-inch pots.....	2.50	18.00
GARDENIA Veitchii. 2¼-inch pots.....	2.00	14.00
Veitchii. Selected plants. 3-inch pots.....	3.50	25.00
POINSETTIAS. 2¼-inch pots.....	2.00	12.00
PRIMULA obconica grandiflora. 2¼-inch pots.....	1.00	8.00
Obconica grandiflora. 3-inch pots.....	1.50	12.00
Sinensis fimbriata. 2¼-inch pots.....	1.50	10.00
SMILAX. A popular greenhouse climber. 2¼-inch pots.....	1.00	6.00
STEVIA Serrata. 2¼-inch pots. Dwarf or Tall.....	1.00	6.00
SWAINSONA Alba or Rosea. 3-inch pots.....	1.00	6.00

Orders for any of the above plants will be shipped in their season of delivery.



HARDY EARLY FLOWERING CHRYSANTHEMUMS

The early flowering Chrysanthemums are of great value for outdoor planting. They are all large-flowered and mature their bloom early enough to avoid being hurt by frost.

The following list is selected from a large number of varieties for their freedom of bloom and variety of colors.

Chaldon. Large flowers, reddish crimson in color, with gold tips to the florets.

Eden. Beautifully formed flowers, rose pink in color.

Glory of Seven Oaks. Very free flowering, golden yellow color.

Groachers Crimson. Bright crimson, very large flowers, dwarf habit.

L'Argentuillais. The best of the red varieties; fine for cutting.

Leslie. Golden yellow in color; very early and free flowering.

Maduse. Flowers rather loosely built; terra cotta bronze in color.

Miss F. Collier. A tall variety, with white flowers.

Nina Blick. Very dwarf growing; golden bronze changing to yellow.

Normandie. Very delicate pink or white, varying under growing conditions.

Perle Chatillonnaise. Very free flowering; cream white in color.

Rosie. Deep, rich bronze in color; medium height.

Plants from 2½ inch pots; each 15c., doz. \$1.25, 100 \$10.00.

HARDY CHRYSANTHEMUMS

The Hardy Chrysanthemums should be in every garden, as they give an abundance of flowers late in the Fall. Plants should be set in April and May to flower the same year.



Hardy Chrysanthemum

LARGE-FLOWERING, or ASTER VARIETIES

Austin. Lilac rose; cut petals.

Bradshaw. Silver pink, full flowers.

Excellence. Pure white; tall grower.

Findon. Violet rose.

Fred J. Red orange.

Germania. Large straw white.

Irene. Pure white shaded pink, early.

Julia Lagravere. Crimson maroon.

Lilian Doty. The finest pink.

Lelia. Bright brick red.

Loreley. Yellow, tinged pink.

Miss Emma. Golden bronze; tall.

Peto. Rich bronze.

Queen of Whites. Creamy white.

Silver Queen. Light silver pink.

Sir Michael. Lemon yellow.

St. Elmo. Splendid white for cutting.

St. Illoria. Silver rose.

Sylvia. Scarlet bronze.

Triomphe d'Or. Rich golden yellow.

Urith. Bronze, tipped yellow.

Windless. Rich orange yellow, large flowers.

SMALL POMPON, or BUTTON VARIETIES

Alice Carey. Pure yellow.

Cerise Queen. Cerise pink.

Dawn. Daybreak pink.

Eleganta. Deep rose, shaded white.

Henrietta. Bronze, yellow edge.

James Boone. Pure white.

Ruby Queen. Dark ruby red.

Any of the above plants from 2 inch pots: Each 10c., doz. \$1.00, 100 \$7.00.

SINGLE FLOWERING VARIETIES

Aron. Bronze scarlet.

Garza. White, with quilled petals.

Little George. Violet red.

Pink Daisy. Light pink.

Providence. Early white.

Rosy Morn. Silver pink.

Wallis. Pure yellow.

CHRYSANTHEMUMS. Greenhouse Varieties

We shall be pleased to supply Exhibition, General and Single varieties at growers prices for delivery in season from 2¼ inch pots.



AQUATIC PLANTS FOR FOUNTAINS, LAKES, ETC.

CHOICE HARDY NYMPHÆAS

The following are a selection of the best hybrids for ponds and fountains. We recommend planting in May.

	Each	Doz.
Andreana. Flowers beautiful red and yellow.....	\$1.50	\$15.00
Eugenia de Land. Extra large, deep rose-pink flowers.....	2.00	
Gladstonia. One of the finest white Lilies in cultivation.....	.75	7.50
Helen Fowler. Color very deep pink and very fragrant.....	.75	7.50
James Brydon. A superb variety, with rosy crimson flowers.....	2.00	
Marliacea albida. Flowers large, white; stamens yellow; fragrant.....	.75	7.50
Marliacea carnea. A soft flesh pink, deepening at the base of petals.....	1.50	15.00
Marliacea rosea. Large flowers, deep rose color.....	1.50	15.00
Odorata. The fragrant Pond Lily of the North. Pure white.....	.25	2.50
Odorata, W. B. Shaw. A rich rose-pink color and very fragrant.....	.75	7.50
Odorata Sulphurea. Sulphur yellow; fragrant flowers.....	.75	7.50
Pygmaea. The smallest Water Lily in cultivation. Pure white.....	.75	7.50

TENDER NYMPHAEAS (Day Blooming)

Tender Nymphæas should be planted about the first of June, when warm, settled weather is assured.		
Gracilis. Flowers white, 6 to 8 inches across.....	Each	\$2.00
Mrs. C. W. Ward. Color deep rosy pink, with golden yellow stamens.....		2.00
Pulcherrima. A beautiful, light blue variety.....		2.00
William Stone. A rich violet blue. Very desirable.....		2.00
Zanzibariensis. A superb variety of the deepest purple.....		1.50
Zanzibariensis rosea. Flowers rose, of various shades.....		1.00

NELUMBIUMS

They are of easy culture and are hardy, providing the tubes are kept free from frost.

	Each
Album grandiflorum. Large, pure white flowers.....	\$2.00
Perkinsis rubrum. Flowers brilliant rosy crimson.....	2.50
Shiroman. Pure white, very large and double.....	4.00
Speciosum (Egyptian Lotus). Beautiful rose flowers.....	2.50

MISCELLANEOUS AQUATICS

	Each	Doz.
ACORUS Japonica variegata (Variegated Sweet Flag).....	\$0.25	\$2.50
CYPERUS alternifolius. An excellent plant for growing in water and damp places.....	.20	2.00
EICHHORNIA Crassipes major (Water Hyacinth). A very showy, floating aquatic, bearing flowers of a delicate lilac rose in trusses.....	.20	2.00
JUSSIEA longifolia. Rich golden yellow flowers. A good plant for tubs or planting on edge of ponds.....	.25	2.50
LIMNANTHEMUM indicum (Water Snowflake). Snow white flowers.....	.25	2.50
LIMNOCHARIS Humboldt (The Water Poppy). A pretty little aquatic with oval leaves and yellow flowers.....	.20	2.00
MYRIOPHYLLUM proserpinacoides (Parrot's Feather). A trailing aquatic plant with delicate foliage.....	.20	2.00
SCIRPUS Tabernæmontanus zebrina. A variegated, hardy bush, growing 3 to 4 feet high	.25	2.50

PALMS AND DECORATIVE PLANTS

ADIANTUM croweanum. The hardiest Maiden-hair. 4-inch pots, each 50c.; 5-inch pots, each 75c.

ASPARAGUS plumosus nanus. Graceful, climbing Asparagus; beautiful, bright green, feathery foliage. 3-inch pots, doz. \$2.25; extra size, 4-inch pots, doz. \$3.50.

Sprengeri. Fine for baskets. 3-inch pots, doz. \$2.25; 4-inch pots, each 40c., doz. \$4.00.

ASPIDISTRA lurida. Fine, dark, broad, green leaves. Each \$2.00 to \$3.50.

Lurida variegata. Each \$2.00 to \$4.00.

COCOS Weddelliana. Fine for table decorations. 3-inch pots, each 50c.; 4-inch pots, each \$1.25.

DRACÆNA indivisa. Long, graceful foliage. Extensively used for vases. 4-inch pots, each 35c., doz. \$3.50; 5-inch pots, each 75c., doz. \$7.50.

KENTIA Belmoreana or **Forsteriana.** The most popular parlor palm. 3-inch pots, each \$1.00; 4-inch pots, each \$2.00; 5-inch pots, each \$2.75; 6-inch pots, each \$3.50.

NEPHROLEPIS Bostoniensis (Boston Fern). 4-inch pots, each 75c.; 5-inch pots, each \$1.25; 6-inch pots, each \$1.50.

Scotti. Fine for house decoration. 4-inch pots, each 75c.; 5-inch pots, each \$1.25.

Superbissima. Dwarf and compact, with dense fronds. 5-inch pots, each \$1.25.

Scholzeli (The Plumed Scott Fern). 4-inch pots, each 75c.; 5-inch pots, each \$1.25.

PANDANUS Veitchii. Graceful, light green leaves, beautifully marked, with broad stripes and bands of pure white. 5-inch pots, each \$1.50; 6-inch pots, each \$2.50.

PHŒNIX Roebelenii. Combines the graceful appearance of the Cocos and the hardness of the Kentia. 4-inch pots, each \$1.75; 5-inch pots, each \$2.25.

PTERIS FERNS. In variety. For fern dishes and decorating. Doz. \$1.25 100 \$9.00.

TABLE FERNS. In variety. For fern dishes and ferneries. Doz. \$1.25 100 \$8.00.



HYBRID TEA ROSES

Arthur Goodwin. Copper with orange red.
 Bessie Brown. Soft ivory white.
 Betty. Ruddy gold and sulphur yellow.
 Colonel Leclerc. Beautiful rich crimson.
 Dean Hole. Carmine shaded salmon.
 Earl of Warwick. Pink with vermillion.
 Florence Pemberton. Pink and white.
 General McArthur. Deep velvety scarlet.
 Geo. C. Waud. Orange vermillion.
 Harry Kirk. Primrose amber yellow.
 Indiana. Deep pink.
 Kaiserin Aug. Victoria. Creamy white.
 Killarney Pink. Buds long and pointed.
 Killarney White. Snow white.
 Lady A. Stanley. Deep coral-rose.
 Lady Greenall. Orange and creamy white.
 Lady Pirrie. Coppery reddish salmon.
 La Tosca. Soft pink, tinted rosy white.
 Mme. Abel Chatenay. Carmine rose.
 Mme. Caroline Testout. Bright satiny rose.
 Mme. Edmee Metz. Carmine and salmon.
 Mme. E. Herriot. Coral red, shaded yellow.
 Mme. Jules Grolez. Bright china-rose.
 Mme. Maurice de Luze. Deep rose pink.
 Mme. Ravary. Orange yellow.
 Marquise de Ganay. Bright silvery rose.
 Mme. Melanie Soupert. Salmon yellow.
 Mrs. A. Ward. Deep Indian yellow.
 Mrs. A. R. Waddell. Deep apricot.
 Mrs. David McKee. Creamy yellow.
 Mrs. Geo. Shawyer. Brilliant rose.
 Nerissa. Creamy yellow.
 Ophelia. Salmon-pink, shading to yellow.
 Pharisaer. Rosy white.
 Prince de Bulgarie. Flesh tinted yellow.
 Radiance. Carmine and pink.
 Senateur Mascuraud. Yellow.
 Souv. du Pres. Carnot. Rosy flesh.
 Sunburst. Superb yellow.
 Walter Speed. Lemon yellow.

Each 70c., doz. \$7.50, 100 \$60.00.

FLOWERING SHRUBS

Althea (Rose of Sharon). Erect bushes. Double white, red or pink. Each 50c.
 Berberis Thunbergi. Barberry. Red berries in the Fall. Each 35c.
 Deutzia (Pride of Rochester). Double white, tinged pink. Each 35c.
 Forsythia Furtunei. Masses of yellow flowers in early Spring. Each 35c.
 Hydrangea paniculata grandiflora. White changing to pink flowers. Each 35c.
 Hydrangea Otaksa. Pink or blue flowers. Each 35c. and 50c.
 Philadelphus (Mock Orange). Fragrant white flowers. Each 35c.
 Spiraea Anthony Waterer. Free flowering, crimson. Each 35c.
 Spiraea Van Houttei. Graceful, pendulous white flowering bush. Each 35c.
 Syringa Vulgaris. Purple lilac. Each 35c.
 Syringa Vulgaris alba. White. Each 35c.
 Viburnum Opulus (Snowball). Globes of pure white flowers. Each 35c.
 Viburnum plicatum (Japan Snowball). White flower balls. Each 35c.
 Weigela amabilis. Light pink. Each 50c.
 Weigela Eva Rathke. Reddish-purple. Very free bloomer. Each 50c.

HYBRID PERPETUAL ROSES

Baroness Rothschild. Velvety crimson.
 Frau Karl Druschki. Snow white.
 General Jacqueminot. Crimson.
 Magna Charta. Rosy carmine pink.
 Mrs. John Laing. Soft satiny rose.
 Paul Neyron. Clear pink.
 Ulrich Brunner. Scarlet.
 Each 60c., doz. \$6.50, 100 \$50.00.

CLIMBING ROSES

Aviateur Bleriot. Golden yellow.
 Dorthy Perkins. Blush pink.
 Dr. W. Van Fleet. Deep pink.
 Excelsa. Crimson Rambler.
 Silver Moon. Creamy yellow.
 Tausendschon. Pink and white.

Strong plants. Each 60c., doz. \$6.50.

ROSES FOR GREENHOUSES

The following are a selection of the best varieties.

American Beauty. Deep Pink.
 Francis Scott Key. Red.
 Hadley. Velvety crimson.
 Hoosier Beauty. Deep crimson.
 Killarney. Delicate pink.
 Killarney Brilliant. Pink.
 Killarney Queen. Cerise pink.
 Lady Hillingdon. Coppery yellow.
 My Maryland. Pink.
 Mrs. Chas. Russell. Pink.
 Mrs. Geo. Shawyer. Pink.
 Ophelia. Salmon pink.
 Prince E. C. d'Arenberg. Scarlet.
 Radiance. Deep pink.
 Red Radiance. A grand red variety.
 Richmond. Red.
 Sunburst. Yellow.
 White Killarney. True double.

		Doz.	100
2 1/4-inch pots.	Own Root.....	\$2.50	\$16.00
3 -inch pots.	Own Root.....	3.00	20.00
4 -inch pots.	Own Root.....	4.00	30.00
2 1/4-inch pots.	Grafted Stock.....	3.50	25.00
3 -inch pots.	Grafted Stock.....	4.50	30.00
4 -inch pots.	Grafted Stock.....	5.50	40.00

HARDY CLIMBING VINES

Actinidia Arguta. Dark green foliage and white flowers. Each 50c.
 Akebia quinata. One of the best climbers. Purplish flowers. Each 50c.
 Ampelopsis quinquefolia (Virginia Creeper). Large green leaves. Each 35c.
 Ampelopsis Veitchii. Self clinging rapid growing vine. Each 25c.
 Bignonia radicans (Trumpet Vine). A rapid climber. Each 35c.
 Clematis paniculata. A luxuriant grower, with white fragrant flowers. Each 25c.
 Hedera (English Ivy). Each 35 and 50c.
 Lonicera Hall's Japan (Japanese Honeysuckle). White changing to buff. Each 30c.
 Pueraria (Kudzu Vine). A very rapid growing vine. Each 30c.
 Wistaria Chinensis. Blue racemes of flowers. Each 35c.
 Wistaria Chinensis alba. White flowering variety. Each 50c.



FRUIT TREES

APPLES

Early Harvest. Large; pale yellow; tender, with a fine flavor; one of the first to ripen. August.

Red Astrachan. Large, very handsome; juicy; very hardy; a good bearer. August.

Yellow Transparent. Medium size; skin pale yellow when ripe; flesh tender and juicy. August.

Fall Pippin. Very large; yellow; flesh tender and delicious; free grower; fine bearer. Oct.

Gravenstein. Very large; pale yellow, with red streaks; finest quality; very productive. Sept.-Oct.

Maiden's Blush. Large, flat shape; pale yellow with red cheek; a good bearer. Sept.-Oct.

Baldwin. Large; bright red; crisp, juicy and rich; one of the most popular sorts. Dec.-Mar.

Ben Davis. Large, striped Apple of good quality; a late keeper; hardy and productive. Dec.

Northern Spy. Large; striped; flesh rich and of high flavor. One of the finest keepers. July.

Extra size, 6 to 8 feet. Each 75c. doz. \$7.50.

Selected Trees \$1.00 each.

CHERRIES

Coe's Transparent. Medium size; pale amber, red and mottled. Very sweet. Late June.

Governor Wood. Round, heart-shaped fruit; light yellow, shaded with bright red; rich flavor.

Morello. Large dark red, a fine culinary variety. Aug.

Yellow Spanish. Large; pale yellow, with bright red cheek; vigorous and productive.

First-class. Each 75c., doz. \$7.50.

PEACHES

Crawford's Early. A large, magnificent yellow Peach of good quality. Early Sept.

Crawford's Late. A superb yellow; excellent quality. Late Sept.

Early Rivers. Large, white delicate pink cheek. Regular bearer. Aug.

Elberta. Large; yellow, with red cheek; flesh firm; fine quality. Early Sept.

Stump of the World. Very large; creamy white, with bright red cheek; very productive. Late Sept.

Each 60c., doz. \$6.00. Extra size each 75c., doz. \$7.50

PEARS

Bartlett. A very popular variety, large and highly flavored; color clear yellow. Sept.

Clapp's Favorite. Large; pale lemon yellow; flesh fine, juicy and buttery. Aug.

Flemish Beauty. Large; greenish yellow and brown, with large spots of russet.

Seckel. Small; yellowish russet; flesh whitish. The hardiest of all. Very prolific. Sept.-Oct.

Sheldon. Large, round shape; yellowish, russet and red; rich and delicious. Oct.-Nov.

First-class. Each 75c., doz. \$7.50.

Selected Trees \$1.00 each.

PLUMS

Abundance. Very large, oblong; amber color, nearly covered with red; juicy, melting and sweet. Aug.

Burbank. Very productive grower; cherry red.

Damson. Fine quality for canning. Oct.

Wickson. Large maroon-red. Sept.

Extra size. Each 75c., doz. \$7.50.

SMALL FRUITS

BLACKBERRIES

Early Harvest. Small size; tender, vigorous and productive; early.

Erie. Large and of good quality; early.

Kittatinny. Large, glossy black; sweet and juicy; excellent when fully ripe.

Snyder. Medium size; sweet and melting; very hardy and enormously productive.

Doz. \$1.00, 100 \$6.00; extra size, \$1.50, 100 \$10.00.

CURRANTS

Black Naples. Very much esteemed for jellies.

Fay's Prolific. A popular red Currant, very large.

Red Dutch. A well-known variety; immense bunches.

White Grape. Very large; yellowish white; sweet or very mild acid; fine bearer.

Each 30c., doz. \$2.50.

GOOSEBERRIES

Columbus. Large, oval; greenish yellow; fine quality.

Industry. Large, roundish oval; dark red; of fine flavor and very productive.

Red Jacket. Large; red, good flavor; hardy and prolific.

Each 30c., doz. \$2.50.

GRAPES

Concord. Fine black variety; splendid flavor.

Brighton. Red; ripens early; very productive.

Catawba. Bunches large and loose; berries large, coppery red, becoming purple when well ripened.

Green Mountain. An extra-early white Grape.

Moore's Early. Bunch medium. Fruit large black.

Niagara. Very large white.

Worden. Large black bunches.

3-year. Each 25c., doz. \$2.50, 100 \$20.00.

RASPBERRIES

Brandywine. Large; bright red; very firm; sub-acid; hardy and productive.

Cuthbert (Queen of the Market). Red; very large and firm; sweet and luscious.

Golden Queen. Large; amber color; firm, fine quality; remarkably productive.

Cumberland. Very large, glossy berries; firm, juicy and sweet.

St. Regis. New everbearing, large berries of fine quality; very sweet; abundant producer.

Strong canes. Doz. \$1.00, 100 \$7.00.

STRAWBERRIES (Layer Plants)

E. Early M. S. Midseason L. Late

Bederwood. One of the best earlies, large red. E.

Barrymore. Resembles Marshall. M.S.

Brandywine. A vigorous grower. M.S. to L.

Chesapeake. Considered best Strawberry. L.

Early Jersey Giant. The finest early variety. E.

Early Ozark. A very early sweet variety. E.

Gandy. The standard late sort, compact grower.

Glen Mary. A superb large sized variety. M.S.

Kevitt's Wonder. Very long oval shaped. M.S.

Late Jersey Giant. A large late variety. L.

Marshall. A superb variety, dark crimson. M.S.

Oom Paul. Dark red fruit. M.S. to L.

Sample. A large round, dark crimson berry. L.

Sharpness. One of the best for table use. M.S.

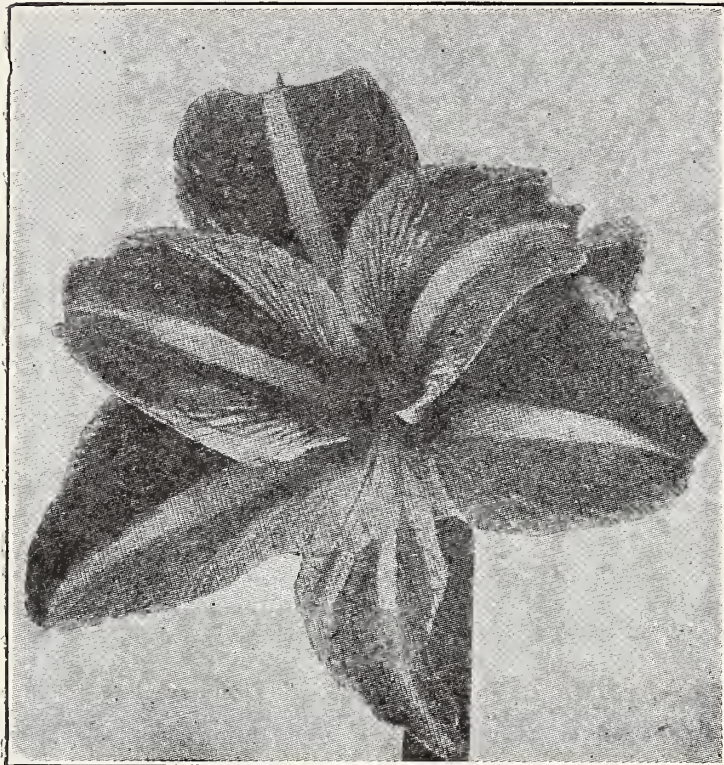
Wm. Belt. Berries are large and good quality.

M.S. to L.

25 for 50c., 50 for 75c., 100 for \$1.25.



SUMMER FLOWERING BULBS



Amaryllis Vittata

AGAPANTHUS

Umbellatus (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Each 50c., doz. \$5.00.

AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

Belladonna major. Large, violet and white. Each 25c., doz. \$2.50.

Formosissima (Jacobean Lily). Brilliant scarlet. Each 15c., doz. \$1.50.

Hippeastrum, Veitch's and Ker's New Hybrids. The finest race of Amaryllis in cultivation. Each \$2.00; collection of 12 varieties, \$20.00.

Johnsonii. Crimson, striped with white. Extra large bulbs. Each 35c., doz. \$3.50.

Lycoris squamigera (Halli). Perfectly hardy variety, producing beautiful pink flowers. Each 20c., doz. \$2.50, 100 \$17.00.

Vittata Hybrids. Mixed colors. Each 50c., doz. \$5.00.

BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the Summer. For bedding they should be started in hotbed in March and April.

SINGLE TUBEROUS-ROOTED

	Each	Doz.	100
Crimson	\$0.15	\$1.00	\$8.00
Salmon Pink.....	.15	1.00	8.00
Rose.....	.15	1.00	8.00
Scarlet.....	.15	1.00	8.00
White.....	.15	1.00	8.00
Yellow.....	.15	1.00	8.00
Special Mixed.....	.15	1.00	7.00

DOUBLE TUBEROUS-ROOTED

	Each	Doz.	100
White	\$0.15	\$1.50	\$10.00
Yellow.....	.15	1.50	10.00
Rose.....	.15	1.50	10.00
Scarlet.....	.15	1.50	10.00
Pink.....	.15	1.50	10.00
Special Mixed.....	.10	1.00	8.00

CALADIUM ESCULENTUM (Elephant's Ear)

Grand tropical plant. A favorite for specimens on the lawn. Height 3 to 4 feet.

	Each	Doz.	100
First Size Bulbs, 5 to 7 inches in circumference	\$0.10	\$1.00	\$6.00
Large Bulbs, 7 to 9 inches in circumference.....	.15	1.50	10.00
Mammoth Bulbs, 9 to 11 inches in circumference.....	.25	2.50	15.00
Monster Bulbs, 12 inches and upward in circumference.....	.35	3.50	25.00
Fancy Leaved, Named Varieties.....	.30	3.00	20.00
Fancy Leaved Mixed.....	.25	2.50	18.00

CALLAS (Richardia)

Elliottiana. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth. Leaves are beautifully spotted with white.....	Each \$0.40	Doz. \$4.00	100 \$30.00
Spotted Leaf Calla (Richardia alba maculata). Dark green foliage, beautifully spotted white.....	.10	1.00	6.00

CINNAMON VINE

Dioscorea Batatas. A rapid growing Summer climber, with bright green, glossy foliage and spikes of cinnamon-scented, white flowers. Each 5c., doz. 50c., 100 \$3.50.

CRINUM ORNATUM

A stately plant of the Amaryllis family. Flower pure white, with a band of scarlet through each petal. Fine for pots or summer garden. Each 35c., doz. \$3.50.



CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalogue prices.

	Doz.	100
Buttercup. Bright buttercup yellow. Green leaved.....	\$1.00	\$6.00
City of Portland. A beautiful pink bedding variety. Green foliage. 3 ft.....	1.50	10.00
Eureka. A very free blooming creamy white with green foliage.....	1.25	8.00
Firebird. A clear, glistening scarlet flower, with green-leaved foliage.....	1.75	12.00
Gladio-Flora. Crimson, changing to carmine rose, edged gold; 4 feet.....	1.00	7.00
Hungaria. The ideal pink bedder; large trusses of flowers; 3 feet.....	1.00	7.00
King Humbert. Bronze foliage, with orange-scarlet flowers; 4 feet.....	1.25	8.00
Meteor. The best brilliant crimson; a vigorous, healthy grower; 5 feet.....	1.00	6.00
Martha Washington. One of the best pink varieties; 3 feet.....	1.00	6.00
Mrs. Alf. Conard. Exquisite salmon pink; very free flowering; 4 feet.....	1.50	10.00
Panama. An attractive rich orange-red, with edge of golden yellow; 3 feet.....	1.25	8.00
Rosea gigantea. Soft rose to carmine pink; flowers of giant size; 3½ feet.....	1.50	10.00
Wintzer's Colossal. The largest Canna. Vivid scarlet flowers; 5 feet.....	1.00	6.00

DAHLIAS

The renewed popularity of the Dahlia in recent years has brought out many new sorts, and any one wishing to get the **cream** will find most of them in our collection, which can be recommended either for growing in competition, market purposes, or private collections, and embrace all classifications.

MATCHLESS CACTUS DAHLIAS

The following varieties comprise the cream of the novelties, which have been grown here and proved to be of extra merit.

- Bianca.** A delicate pink, lavender. Hybrid Cactus type. \$1.00.
Diavolo. Yellow, striped and splashed chocolate and crimson. 35c.
Golden Gate. An immense yellow Cactus. 30c.
H. H. Thomas. A beautiful rich deep crimson incurved variety. 75c.
Kalif. A pure glowing scarlet. Gigantic flowers on long stems. 60c.
Mercury. Yellow ground, striped and speckled crimson. 50c.
Olympic. A massive deep rich crimson. Fine exhibition sort. 75c.
Snowdon. A very fine white for exhibition. 50c.
Scorpion. An incurved beautiful clear yellow. 75c.
The Imp. The nearest to black in a Cactus Dahlia. 75c.
Variabilis. Beautiful deep orange, artistically tipped white. 50c.
Wodan. A yellowish cream color, with long and deep petals. 50c.



Cactus Dahlia

SPECIAL COLLECTION OF CACTUS DAHLIAS

Containing a very choice collection of the leading varieties for cutting and exhibition.

- Cockatoo.** Canary yellow, tipped white.
Eureka. Violet crimson, shading to purple in center.
Ella Kramer. Rose pink; fine for cutting.
F. H. Chapman. Yellowish orange; fine flower.
Forbes Robertson. Beautiful reddish-orange.
Ivanhoe. Bright straw color. Long, narrow petals.
Master Carl. Immense, bright amber flowers.
Mrs. W. H. Raby. An extra fine cream white.

- Prince of Orange.** A rich shade of old gold at the outer petals with a bright yellow center.
Reliable. A combination of yellow, brick red and salmon.
Rene Cayeux. A very effective, rich ruby crimson.
T. A. Havemeyer. A distinct yellow shade at the base, deepening to bronze. The greater portion of the flower being deep red.
T. G. Baker. The best yellow for exhibition.
Wm. Marshall. Rich orange, with golden center.

Strong roots of any of the above. Each 25c., doz. of one variety \$2.50.



SUPERB DECORATIVE DAHLIAS

Our list has been revised, and only contains the best varieties for cutting and exhibition.

Delice. Beautiful, light pink; strong stems. 25c.

Elsie Davidson. A giant flowering, deep yellow. 25c.

Giant Purple. A fine flower on long stems. 50c.

Hortulanus Witte. Pure white. 50c.

Jack Rose. Dark crimson. A free bloomer. 25c.

Jean Charmet. White, edged crimson. 25c.

Le Grand Manitou. Chocolate and white. 35c.

Madame A. Lumiere. Pure white, with violet tips. 35c.

Manitou. Immense amber bronze flowers. 35c.

Papa Charmet. Brilliant coral red. 35c.

Souv. de Gus. Douzan. Orange scarlet. 25c.

Yellow Colosse. Bright yellow. 35c.

PAEONY-FLOWERED DAHLIAS

Large flowers, with petals peculiarly twisted and curved.

Admiration. Rosy crimson, veined yellow. 35c.

Andrew Carnegie. Salmon pink, with bronze shading. 35c.

Bertha von Suttner. Blush mauve, with rosy salmon tint. 50c.

Caecilia. A wonderfully large creamy white. 50c.

Geisha. A wonderful scarlet and yellow. 50c.

Glory of Baarn. A light rose color. 35c.

H. J. Lovink. A beautiful shade of white and lilac. 35c.

John Green. The center is a clear golden yellow which changes to a fiery scarlet. 50c.

La Riante. A fine pink, with long stems. 35c.

Mme. Van Bystein. Rosy lilac, changing to light blue. 35c.

Phenome. An exquisite salmon shade, suffused light amber. 25c.

Queen Wilhelmina. Pure white. 35c.

COLLARETTE DAHLIAS

The flowers are single, with a smaller row of collar petals around the center.

Achievement. A clear rich velvet maroon, collar snow white, overlaid pinkish crimson. 35c.

Ami Nonin. Dark crimson edged lilac, collarette white. 60c.

Directeur Rene Gerard. Violet purple, shaded and tipped white, collarette white. 25c.

Henri Farnham. Yellow blending to red, collar delicate yellow. 50c.

Maurice Rivoire. A gorgeous rich crimson, with white collar and yellow center. 25c.

Meteor. Crimson maroon, slightly edged old gold, collarette cream white. 35c.

Souvenir de Chabanne. Lemon yellow with coral-red markings, collar petals yellow and white. 25c.

POMPON DAHLIAS

This class produces small, very double-quilled flowers, which are ideal for bouquet work.

Amber Queen. Rich clear amber. 15c.

Bobby. Plum color, one of the best. 15c.

Darkness. Dark maroon. 15c.

Fascination. Pink and lavender blotched white. 15c.

San Toy. White, heavily tipped carmine. 15c.

Snow Clad. The best pure white. 15c.



Decorative Dahlia

CHOICE SHOW DAHLIAS

The following are a selection of the best varieties for cut flowers.

Acme of Perfection. Deep yellow, long stiff stems.

Ethel Maule. A pure, glistening white.

John Bennet. Yellow, deeply edged with scarlet.

Perfection. Orange buff shades.

Primrose Dame. A lovely shade of primrose.

Robin Adair. Color terra cotta.

Rubens. Golden yellow, with orange center.

Storm King. The best reliable white.

Stradella. A beautiful deep purple-crimson.

Wm. Neats. Soft reddish fawn.

White Queen. Pure white with an occasional soft lilac flower on same plant.

W. W. Rawson. Pure white, overlaid with blue.

Strong roots, each 25c., doz. \$2.50.

CHOICE SINGLE DAHLIAS

These have become very popular for cutting purposes. We list a few of the best varieties.

Adventure. A pleasing shade of pinkish-crimson, striped and splashed maroon. 25c.

Aubright Beauty. A pure waxy white. 35c.

Alva. Yellow speckled and tipped with pink. 25c.

Blanche. Yellow at the base, faintly tipped pink with a cast of white over the flower. 25c.

Elinor. Yellow heavily tipped a light shade of crushed strawberry. 35c.

Elmwood. Pinkish crimson, striped. 25c.

Gladys. Clear soft pink, showing no lavender or purple tints. 25c.

Glowing Gem. A gorgeous deep crimson. 35c.

Man Friday. Deep maroon. 15c.

Mildred. A bright clear yellow. 35c.

Rose Pink Century. A rose pink shade. 25c.

Sadie. A beautiful pink, striped and speckled maroon. 25c.

Twentieth Century. Pure white and blush rose. 25c.



GLADIOLUS NOVELTIES

The New Gladiolus, Kunderdi Type, described below is the result of over twenty-one years of scientific crossing and selection.

The wavy or ruffled petals were the first object sought, but many wonderful other varieties have been produced.

The stock we offer includes many of the Ruffled Types and other Novelties grown by Mr. A. E. Kunderd and are well worthy of a trial by all growers of Gladioli for exhibition and cutting purposes.

Cherry King. Bright, rich cherry color, deeper throat. Very beautiful.....	Doz. 100 \$1.50 \$11.00
Cymbaline. A very showy red of unusual color.....	2.00 14.00
Giant White. An extra large white of great substance, with elegant, slight marking on lower petals.....	1.50 12.00
Ida Van. A most beautiful, deep salmon red, or flaming orange pink.....	1.25 10.00
Joe Coleman. Very large and vigorous rich red; ruffled.....	2.50 22.00
Kunderdi Glory. Beautiful creamy apricot with tint of pink and fine marking of red on lower petals; ruffled.....	1.25 8.00
Mrs. A. E. Kunderd. Large flowered white with slight tint of blush pink.....	1.50 11.00
Orange Glory. Grand Orange colored, with beautiful lighter throat; ruffled.....	5.00 40.00
Pride of Goshen. A salmon pink; flowers very large and elegantly waved.....	1.50 12.00
Red Amaryllis. A most gorgeous and showy red.....	1.50 12.00
Summer Beauty. A grand pink; very choice deep salmon; distinct shade. Tall and showy.....	2.00 15.00
Theresa. Fine pink blushed white, beautifully penciled throat; half ruffled. Very free flowering, three and four spikes from each bulb.....	1.75 12.00
White Glory. A gorgeous, pure white, with beautiful Iris-blue throat; ruffled.....	4.00 30.00
White Ivory. Snow white ground with red blotches on lower petals; intensely ruffled.....	3.50 26.00
Youell's Favorite. Striking rosy lavender pink; large and beautiful, ruffled flower..	3.00 20.00

NEW PRIMULINUS GLADIOLUS

A new and beautiful race of Gladiolus produced from the fine yellow Primulinus.

The following varieties are productions of Mr. A. E. Kunderd and comprise one of the remarkably varying and graceful butterfly or Orchid-like forms.

	Each	Doz.	100
Altair. Extra tall. Finest salmon saffron. A grand color.....	\$0.20	\$2.00	\$15.00
Angola. A beautiful salmon pink. Tall and graceful.....	.15	1.50	10.00
Capella. Tall, very bright, fiery, orange-red, choice flowers, very early.....	.15	1.50	10.00
Elberton. Tall, finest creamy yellow. Lower petals much deeper.....	.15	1.50	10.00
North Star. Good size, very rich deep yellow. Throat deeper yellow.....	.15	1.50	11.00
Regulus. Large flowered, richest orange salmon and delicate yellow.....	.15	1.50	10.00

NEW PRIMULINUS HYBRID MIXTURE

A very select Mixture from the newest hybrids; the most beautiful and delicate tints are found among them and no race of Gladioli contains such harmonious blendings of color. Doz. 50c., 100 \$3.00, 1000 \$25.00.



Ruffled Gladiolus



GLADIOLUS

There are no other Summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

Our selection of varieties has been made from many, and includes all those of exceptional merit and a wide range of colors.

NAMED HYBRID GLADIOLUS

	Each	Doz.	100
Alaska. A pure white variety large of well-formed flowers.....	\$0.30	\$3.00	\$20.00
America. Large flower, beautiful flesh pink; beautiful for cutting; extra large bulbs	.05	.50	3.25
Attraction. Deep dark, rich crimson, white throat.....	.05	.50	3.50
Augusta. Lovely pure white, with blue anthers.....	.05	.50	3.50
Blue Jay (Baron Hulot). The finest blue Gladiolus.....	.10	.60	4.00
Brenchleyensis. Vermilion scarlet.....	.05	.40	3.00
Canary Bird. Fine yellow; extra good.....	.15	1.25	10.00
Chicago White. White with lavender markings, very early.....	.10	.75	5.00
Dawn (Groff). A beautiful coral pink, long graceful spike of magnificent flowers....	.80	8.00	60.00
Dazzler. Large vivid salmon scarlet with throat blotch of red-orange; fine long spike, well filled.....	.40	4.00	30.00
Europe. Pure snow white, with long spikes and large flowers.....	.15	1.50	12.00
Evelyn Kirtland. A beautiful shade of rosy-pink, darker at the edges, with scarlet blotches on the lower petals.....	.70	7.00	50.00
Fire King. Long, graceful spikes of intense fire scarlet flowers.....	.10	.75	5.00
Halley. A very attractive delicate salmon pink. Early flowering.....	.10	.75	4.50
Hollandia. Similar to Brenchleyensis, only rosy-yellow in color.....	.10	1.00	6.00
Lavender America. A deeper pink, with more lavender tint than America. A very large and beautiful flower on long spikes.....	.40	4.00	30.00
Mrs. Francis King. Light scarlet of pleasing shade; long spikes one of the best for decorating; extra large bulb.....	.10	.50	3.50
Mrs. Frank Pendleton. The flowers are very large, of lovely flushed salmon-pink, with brilliant carmine blotches in the throat.....	.15	1.25	9.00
Niagara. Beautiful cream shade with lower petals blending to yellow inside; throat splashed carmine.....	.10	1.00	7.00
Panama. A seedling of "America," resembling the parent except that it is a much deeper pink.....	.10	1.00	6.00
Peace. The flowers are large, of perfect form, white with a pale lilac feathering on the interior petals.....	.10	1.00	6.00
Pink Beauty. A very early-flowering variety. Color bright rose pink, with a darker blotch. A good forcer.....	.10	.60	4.00
Pink Perfection. Bright pink. Very large and beautiful flower.....	.10	1.00	7.00
Schwaben. Delicate, pale yellow, dark blotch in center.....	.15	1.50	12.00
Snow King. A white variety, similar in habit to Augusta, but remains white.....	.10	.75	5.00
Sulphur King. Deep, pure yellow. The best of its color.....	.25	2.50	20.00
Wm. Falconer. Clear, light pink; enormous flowers.....	.20	2.00	15.00
For Kunderdi Types of Ruffled Gladiolus, see page 59.			

We shall be pleased to supply any variety not listed at current prices.

GLADIOLUS IN MIXTURE

Our mixtures are made up from fine varieties and are all selected first size bulbs.

	Doz.	100	1000
Marshall's Matchless Hybrids. This is our general mixture, and is composed of fine sorts in all colors, in extra large size bulbs only.....	\$0.30	\$2.00	\$18.00
Childsii, Mixed. Superb, large flowered, first quality from named varieties and beautiful seedlings.....	.40	3.00	25.00
Groff's New Hybrids. Splendid strain, embracing thousands of varieties in the greatest diversity of colors. Mixed hybrid seedlings, first selection.....	.30	2.50	20.00

GLADIOLUS FOR LATE PLANTING

Gladiolus can be had in flower in late September and October if the bulbs are retarded in cold storage.

We are prepared to place in cold storage any varieties if ordered before the end of April and ship at any date required for later planting.



GLOXINIAS

These are desirable Summer-flowering plants for both greenhouse and window.

	Each	Doz.	100		Each	Doz.	100
				Scarlet and White.....	\$0.15	\$1.50	\$10.00
Blue.....	\$0.15	\$1.50	\$10.00	Spotted.....	.15	1.50	10.00
Bright Crimson.....	.15	1.50	10.00	White.....	.15	1.50	10.00
Blue, White Border.....	.15	1.50	10.00	Mixed, All Colors.....	.10	1.00	8.00

HYACINTHUS CANDICANS (Cape Hyacinth)

A snow-white, Summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers. Each 5c., doz. 50c., 100 \$3.00.

ISMENE. Calathena Grandiflora

The flowers are very large, like an Amaryllis, novel in form and snow white in color. Each 10c., doz. \$1.00, 100 \$7.00.

LILIES

When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least 6 inches deep, as early as possible in the Spring.

	Each	Doz.	100
Auratum (Golden-banded Lily). Not procurable.			
Batemani. Reddish orange flowers.....	\$0.25	\$2.50	\$15.00
Canadense. Lovely, nodding blossoms; bell shaped; yellow, spotted black.....	.20	1.50	10.00
Canadense Flavum. Yellow flowers.....	.20	2.00	15.00
Canadense Rubrum. A fine red Lily.....	.25	2.50	16.00
Davuricum. Upright, scarlet flowers, dotted black; 2 to 3 feet high.....	.15	1.50	10.00
Elegans Orange Queen. Beautiful, bright, light orange color, with dark spots....	.50	5.00	40.00
Elegans Mixed. Fine mixed varieties.....	.10	1.00	6.00
Hansoni. Flowers reddish orange.....	.60	6.00	45.00
Henryi. The Yellow Speciosum. Bright orange yellow.			
Selected bulbs.....	.60	6.00	45.00
Regular size bulbs.....	.50	5.00	40.00
Myriophyllum. Flowers white, slightly suffused pink, with yellow center.....	1.00	10.00	80.00
Pardalinum (Leopold Lily). Rich scarlet and yellow flower, spotted with rich brown..	.15	1.25	10.00
Speciosum album. Not procurable.			
Speciosum rubrum magnificum, or Melpomene. Not procurable.			
Superbum. Flowers bright orange red, thickly spotted with purple.....	.15	1.25	10.00
Tigrinum splendens (Single Tiger Lily). Not procurable.			
Tenuifolium (Siberian Coral Lily). Nodding, rich scarlet flowers.....	.10	1.00	6.00
Wallacei. Rich vermilion orange.....	.15	1.25	9.00

LILY-OF-THE-VALLEY CLUMPS

Large clumps of Lily of the Valley for outside planting and naturalizing. These clumps will throw from 15 to 20 spikes of flowers. Each 35c., doz. \$3.50, 100 \$30.00.

MADEIRA or MIGNONETTE VINE

A beautiful, climbing vine of rapid growth. Large tubers. Each 5c., doz. 50c., 100 \$3.50.

OXALIS

Summer-flowering for beds or borders.

Deippei. Pure white. Mammoth bulbs. Doz. 20c., 100 \$1.00.	
Lasandria. Rosy pink, cut foliage. Mammoth bulbs. Doz. 20c., 100 \$1.00.	
Shamrock. Clover-like foliage; pink flowers. Mammoth bulbs. Doz. 20c., 100 \$1.00.	
Mixed Colors. Several varieties. Mammoth bulbs. Doz. 20c., 100 \$1.00.	

MONTBRETIAS

Hardy Summer-flowering bulbous plants that are becoming more popular every year. They should be planted in groups and left undisturbed.

	Doz.	100	1000
Crocsmiaeflora. Large, bright orange, tinged scarlet	\$0.30	\$2.00	\$18.00
Germania. Blood red, large flower.....	.50	3.00	25.00
George Davison. Yellow, extra large flower.....	.50	3.00	25.00
Hereward. Light orange yellow; very large.....	.75	4.50	40.00
Koh-i-noor. Bright dark orange; very large.....	.75	5.00	45.00
Lady Hamilton. Bright yellow, with salmon throat; large flowers; very tall.....	.75	4.00	35.00
Westwick. Large flower, orange red, yellow throat.....	.75	5.00	45.00

TUBEROSES

One of the most fragrant and popular of the Summer-flowering bulbs. May be started in hotbeds or pots, or planted in open ground after first day of May.

	Each	Doz.	100
Excelsior Double Perle. Extra fine bulbs.....	\$0.06	\$0.60	\$4.00
Armstrong's. The single everblooming Tuberose.....	.05	.50	3.50



HORTICULTURAL AND FARM BOOKS

FRUITS, FLOWERS, GARDENING, ETC.

A Woman's Hardy Garden. Mrs. Ely.....	\$1.75	Lawns and How to Make Them. L. Barron.....	\$1.25
Asparagus. F. M. Hexamer.....	.60	Milady's House Plants. F. E. Palmer.....	1.00
Bulbs and Tuberous-Rooted Plants.....	1.50	Muck Crops. Wilkinson.....	1.25
Cabbage and Cauliflower. C. L. Allen.....	.60	Mushroom Culture. Duggar.....	1.50
Carnation, the American. C. N. Ward.....	3.50	Mushrooms, How to Grow Them. Falconer.....	1.00
Carnation Culture. J. Harrison Dick.....	1.50	Mushrooms, How to Grow.....	.10
Cyclopedia of Horticulture. L. H. Bailey. In six volumes; new edition now published Per volume.....	6.00	Onion Culture. Greiner.....	.60
Fertilizers and Crops. Dr. Van Slyke.....	2.50	Orchard Book. Biggle.....	.50
Floriculture, Practical. P. Henderson.....	1.50	Plant Culture. G. W. Oliver.....	1.50
Flowers, How to Grow Them. Rexford.....	.50	Plant Propagation, Commercial. A. C. Hottes.....	1.25
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Fruits and Vegetables Under Glass. W. Turner.....	3.50	Practical Garden Book.....	1.00
Fruit Garden. Barry.....	1.50	Practical Forestry. A. S. Fuller.....	1.50
Fruit Growing. L. H. Bailey.....	1.75	Practical Gardening. H. Findlay.....	2.00
Garden Book. Biggle.....	.50	Pruning, Principles and Practice of. Kains.....	2.00
Garden Guide. The Amateur Gardeners Handbook. Cloth cover.....	1.00	Pruning Manual. L. H. Bailey.....	2.00
Garden Making. L. H. Bailey.....	1.50	Rose, On the. Parsons.....	1.00
Gardening for Pleasure.....	1.50	Rose Culture. Ellwanger.....	1.25
Gardening for Profit. P. Henderson.....	1.50	Rose Culture, Commercial. E. Holmes....	1.50
Gardeners Dictionary and Cultural Instructor. Johnson. 923 pages.....	6.00	Rose Growing, Outdoor. Geo. C. Thomas Jr.....	4.00
Gardeners' and Florists' Annual for 1917.....	.50	Small Fruit Culturist. Fuller.....	1.00
Grape Culturist. A. S. Fuller.....	1.50	Sweet Potato Culture. J. Fitz.....	.60
Greenhouse Construction. L. R. Taft.....	1.60	Strawberry Culture. A. S. Fuller.....	.25
Greenhouses, Their Construction and Equipment. Wright.....	1.60	Sweet Corn. A. E. Wilkinson.....	.75
Greenhouse Heating.....	.25	Sweet Peas for Profit. J. Harrison Dick....	1.50
Greenhouse Management. L. R. Taft.....	1.60	Tales of A Traveler. S. S. Skidelsky.....	1.00
Hardy Perennials. J. Wood.....	1.50	Tomato Culture. Tracey.....	.60
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		Well Considered Garden. Mrs. F. King...	2.00

FARM, POULTRY AND ANIMALS

Alfalfa. F. D. Coburn.....	\$0.60	Forestry, Practical. A. S. Fuller.....	\$1.50
American Farm Book.....	2.00	Horse Book. Biggle.....	.50
Bee Keeping. L. C. Root.....	1.25	Insects and Insecticides. H. M. Weed....	1.50
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Bookkeeping for Farmers.....	.25	Judging Farm Animals. C. S. Plumb.....	2.25
Clovers and How to Grow Them. Thos. Shaw.....	1.25	Land Draining. Miles.....	1.00
Corn, The Book of. H. Myrick.....	1.50	Manual for Corn Judging.....	.60
Crops, Spraying. C. M. Weed.....	.60	Modern Fruit Marketing. B. S. Brown....	1.25
Cyclopedia of American Agriculture. L. H. Bailey.....	20.00	Modern Methods of Testing Milk and Milk Products. L. L. Van Slyke.....	1.00
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Farm Crops. C. W. Burkitt.....	1.50	Poultry Book. J. Biggle.....	.50
Farm and Garden Rule Book. L. H. Bailey.....	2.25	Poultry Breeding and Management. Jas. Dryden.....	1.60
Farm Grasses. W. J. Spilman.....	1.25	Poultry Diseases. E. J. Wortley.....	.75
Farmer's Cyclopedia of Agriculture. E. V. Wilcox and C. B. Smith.....	3.50	Poultry Feeding and Fattening.....	.60
Farm Machinery and Motors.....	2.00	Poultry Appliances. G. B. Fiske.....	.60
Farm Manures. Joseph Harris.....	1.50	Poultry Architecture.....	.60
Fertilizers and Crops. L. L. Van Slyke.....	2.50	Profits in Poultry and Their Profitable Management.....	1.00
Fertilizers. Gregory.....	.40	Soiling Crops and the Silo. T. Shaw.....	1.50
First Book of Farming. C. L. Goodrich....	1.10	Wheat Culture. Curtis.....	.50
Forage Crops. Thos. Shaw.....	1.25	Weeds of the Farm and Garden. L. H. Pammel.....	1.50

All books sent postpaid on receipt of price.

We shall be pleased to supply any books not listed above at advertised prices.



HORTICULTURAL TOOLS AND REQUISITES

APRONS, Gardner's Rubber. Waterproof. Each \$1.25.

ASPARAGUS BUNCHER. Each \$3.50.

ASPARAGUS KNIVES, English. Each \$1.50.

ASPARAGUS KNIVES, American. Each 35c.

AXES, FELLING. With handle, \$2.50 to \$3.00.

BASKET, Galvanized, Round. No. 0, $\frac{3}{4}$ bus. each \$2.00; No. 1, 1 bu., \$2.35; No. 2, 2 bus., \$2.75.

BASKETS, HANGING, WIRE. Painted, 8 in., 30c.; 10 in., 35c.; 12 in., 45c.; 15 in., 55c.; 18 in., 75c.; 20 in., \$1.00 each.

BASKETS, ORCHID. 6 in., each 30c., doz. \$3.25; 8 in., each 40c., doz. \$4.25; 10 in., each 50c., doz. \$5.25; 12 in., each 60c., doz. \$6.25.

BASKETS, RUSTIC HANGING. 10 in., \$1.75; 12 in., \$2.00; 14 in., \$2.50 each.

BELLOWS, POWDER.

Small, Single Cone.
Each \$2.25.



Large, Single Cone.
Each \$4.00.

Double Cone
Each \$5.50.



JUMBO POWDER. Each 30c.

BILLHOOKS, English. Light, \$1.50; heavy, \$1.75.

BLAKE'S LEVER CLIPS. For fastening rose wire. Per 1000 \$2.25.

BOXES, Corrugated. Extra strong for shipping cut flowers.

			Doz.	100
24 in.	8 in.	4 in.	\$3.00	\$22.00
28 in.	8 in.	5 in.	3.50	25.00
30 in.	12 in.	6 in.	5.00	35.00
36 in.	12 in.	8 in.	6.00	40.00
48 in.	14 in.	8 in.	7.00	50.00

Prices subject to change

BOXES, FOLDING. For cut flowers. Made of strong cardboard.

				Doz.	100
No. 2	18 in.	5 in.	3 in.	\$0.75	\$4.50
No. 5	21 in.	7 in.	3 $\frac{1}{2}$ in.	1.00	7.00
No. 8	24 in.	8 in.	4 in.	1.25	9.00
No. 11	28 in.	8 in.	5 in.	2.00	13.50
No. 19	36 in.	8 in.	5 in.	2.50	18.00

BROOMS, Birch. For lawns. Each 60c.

BRUSHES, or Flower Pot Scrubbers. Made of coir fibre. Not procurable.

BRUSH HOOKS. With handle. Each \$2.50.

BRUSH HOOKS, English. Each \$3.00.

CANES, BAMBOO.

	Doz.	100	1000
Green, 2 $\frac{1}{2}$ ft.	\$0.20	\$1.50	\$12.50
Green, 3 ft.	.30	2.00	18.00
Green, 4 ft.	.35	2.25	20.00
Green, 5 ft.	.40	3.00	25.00
Natural, 6 ft.	.30	2.00	18.00
Natural, 6 to 8 ft.	.35	2.50	20.00
Japanese, heavy, 8 ft.	.50	3.50	25.00

CARNATION STAPLES. For split Carnations. 1000 75c.

CARNATION BANDS, Rubber. 30c. per oz.

CARNATION SUPPORTS.

"Model Extension." Doz. 100
Wire, 2-ring.....\$1.00 \$6.00
Wire, 3-ring..... 1.00 6.50
Continuous Ring.

See page 71 for particulars.

CELERY BLEACHERS. Waterproof paper collars, size 6 $\frac{1}{2}$ x13 in. 100 \$3.00. See page 71.

COCOANUT FIBER. Useful for potting. Bag \$2.00.

COTTON BATTING. Large sheets. Doz. \$1.00.

CORK BARK. Lb. 35c.

CULTIVATORS. (See pages 73, 76, 77.)

DAHLIA STAKES. (See page 87.)

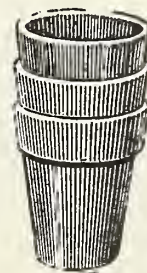
DIBBLES. Iron point, with wood handle, for transplanting. Small, 35c.; large, 50c.



FLOWER POTS, STANDARD

Earthenware. Inside Measurement

Size	Each	Per Doz.	Per 100	Per 1000
2 in.	\$0.02	\$0.15	\$1.20	\$10.00
2 $\frac{1}{2}$ in.	.03	.25	1.50	13.00
3 in.	.04	.30	2.00	18.00
4 in.	.05	.40	3.00	26.00
5 in.	.07	.70	5.00	42.00
6 in.	.10	1.00	8.00	70.00
7 in.	.20	2.00	12.00	
8 in.	.25	2.50	18.00	
9 in.	.35	3.50	26.00	
10 in.	.45	4.50	35.00	
12 in.	.80	8.00	70.00	



FLOWER POT SAUCERS. Earthenware.

Size	Each	Doz.	Size	Each	Doz.
4 in.	\$0.03	\$0.30	9 in.	\$0.12	\$1.20
5 in.	.04	.35	10 in.	.15	1.50
6 in.	.05	.50	11 in.	.18	1.80
7 in.	.07	.70	12 in.	.20	2.00
8 in.	.09	.90	14 in.	.35	3.50

AZALEA POTS. Inside Measurements.

Wide	Deep	Each	Doz.	100
5 in.	4 $\frac{1}{2}$ in.	\$0.06	\$0.70	\$5.00
6 in.	5 in.	.10	1.00	8.00
7 in.	6 in.	.16	2.00	12.00
8 in.	7 in.	.25	2.50	18.00

ROUND BULB or LILY PANS.

Wide	Deep	Each	Doz.	100
6 in.	3 in.	\$0.10	\$1.00	\$8.00
7 in.	3 $\frac{1}{2}$ in.	.20	2.00	12.00
8 in.	4 in.	.25	2.50	18.00
9 in.	4 $\frac{1}{2}$ in.	.35	3.50	26.00
10 in.	5 in.	.45	4.50	35.00
12 in.	6 in.	.80	8.00	70.00

FERN PANS. Earthenware. Outside Measurements

Width	Height	Each	Doz.
4 $\frac{3}{4}$ in.	2 $\frac{1}{8}$ in.	\$0.07	\$0.70
5 $\frac{1}{2}$ in.	2 $\frac{1}{4}$ in.	.10	1.00
6 $\frac{1}{4}$ in.	2 $\frac{1}{2}$ in.	.11	1.10
7 in.	2 $\frac{3}{8}$ in.	.12	1.20
8 in.	3 $\frac{1}{8}$ in.	.15	1.50
9 in.	3 $\frac{1}{4}$ in.	.18	1.75

HANGING FLOWER POTS. Earthenware.

Useful for growing hanging plants in the greenhouse or windows. 7 in., 35c.; 8 in. 40c.; 9 in., 45c.



HORTICULTURAL TOOLS AND REQUISITES—Continued

SEED PANS, Square Earthenware.			
	Each	Doz.	
6 x 6 in.....	\$0.75	\$7.50	
8 x 8 in.....	1.00	10.00	
10 x 10 in.....	1.25	12.50	
12 x 12 in.....	1.50	15.00	

NEPONSET WATERPROOF PAPER FLOWER POTS. Made of waterproof paper and are light, clean and unbreakable.

	Doz.	100	1000
2 1/4 in.....	\$0.10	\$0.50	\$4.50
2 1/2 in.....	.10	.60	5.50
3 in.....	.12	.75	7.00
3 1/2 in.....	.15	1.10	10.00
4 in.....	.20	1.30	12.00
5 in.....	.30	2.00	18.00
6 in.....	.40	2.50	23.00

**FLOWER POT SAUCERS.**

Indurated Wood Fibre. Very light and durable. Not porous, and will protect tables on which plants stand.

	Each	Doz.		Each	Doz.
5 in.	\$0.38	\$4.25	12 in.	\$0.60	\$7.00
6 in.	.40	4.50	14 in.	.80	9.00
7 in.	.42	4.75	16 in.	1.40	11.50
8 in.	.44	5.00	18 in.	1.75	21.50
10 in.	.50	5.75	20 in.	2.50	28.00



FLOWER POT ROLLING STANDS. For heavy plants. Platforms are indurated fibre ware; will not soak or rust. Casters have ball-bearings.

Outside diam.		Inside diam.	Each
16 in.	4 casters	13 in.	\$2.00
18 in.	4 casters	15 in.	2.50
20 in.	4 casters	17 in.	3.00
22 in.	5 casters	20 in.	3.50

FLOWER VASES. Indurated Wood Fibre. Inside measurements.

No.	Diameter	Deep	Each	Doz.
0	8	13	\$2.00	\$22.00
1	5 1/2	10	1.65	18.00
2	4 1/2	9	1.35	15.00
3	4	6	1.20	13.00
4	3	4 1/2	1.00	10.00
00	9	22	6.00	65.00
01	7	20	3.75	42.00
11	5 1/2	18	2.00	23.00
22	4 1/2	15	1.75	19.00



MAYTREE FLOWER POT SAUCERS. These are moisture proof, unbreakable, and a reddish-brown color.



	Each	Doz.		Each	Doz.
4 in.	\$0.15	\$1.50	9 in.	\$0.40	\$4.50
5 in.	.16	1.60	10 in.	.50	5.50
6 in.	.20	2.00	11 in.	.55	6.00
7 in.	.30	3.00	12 in.	.65	7.00
8 in.	.35	3.75			

**FORKS.**

Digging, or Spading, "Keen-Kutter." Each
4-tine, long or short handle.....\$2.25
5-tine, long or short handle..... 2.50
English 4 square tine, short handle..... 3.25

Cast steel. 4-tine..... 1.75

Hay.

2-tine..... 1.50

3-tine..... 1.75

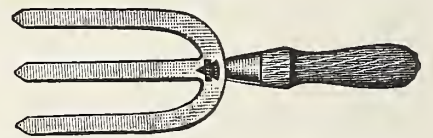
Manure. Long and short handled..... 2.00

Transplanting.

"Keen-Kutter"

Polished Steel.

Each \$1.25.



"Oak Leaf." Best steel, three prong. Each 75c.

Transplanting. Malleable. Each 35c.

FRUIT PICKERS. Wire, "Peerless." 60c.

FUMIGATOR, "EUREKA." For

fumigating with tobacco stems.

No. 2, holds 1 pk. stems.....\$3.25

No. 3, holds 1/2 bus. stems..... 4.00

FUMIGATING LAMP, "Defiance."

For nicotinic, nicofume liquid, etc.

No glass; burns kerosene oil. 80c.

FUMIGATOR, SULPHUR. Camp-

bell's Patent. Designed to vapor-

ize sulphur in greenhouses without

danger of the sulphur taking fire or

disfiguring the foliage.

No. 1. For houses up to 5,000 cu. ft., each \$7.50.

No. 2. For houses up to 10,000 cu. ft., each \$9.00.

FUMIGATOR, X. L. Lamp and stand, \$2.00.

Glass lamps separate, each 60c.

GARDENER'S GLOVES. Per pair, \$2.00.

GARDEN LINES. Finest braided hemp. 100 ft.

\$2.00, 200 ft. \$4.00.

GARDEN REELS for above, of wrought iron.

Small \$1.25; large \$1.75.

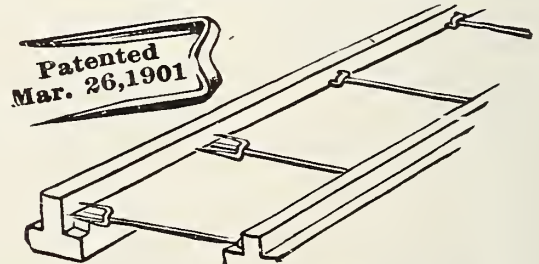
GARDEN PENCILS. Indelible black. Each 15c.

GLASS**CUTTERS.**

"Red Devil." No 24, 15c.; No. 23, 15c.; No. 3, in 1, 35c.; No. 6, 50c. each.

GLASS FOR GLAZING SASH. Market price.

"PEERLESS" GLAZING POINT.
(Improved Van Reyper.)



GLAZING POINTS, Peerless. 1,000 85c.

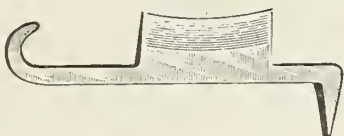
GLAZING POINT PLIERS for the above, each 60c.

GRAFTING WAX. For grafting cuts and bruises on trees. 1/4 lb. 10c., 1/2 lb. 20c., lb. 35c.



HORTICULTURAL TOOLS AND REQUISITES—Continued

GRAFTING TOOL. Best forged steel. Each \$1.25
Mallet to use with the above. Each 75c.



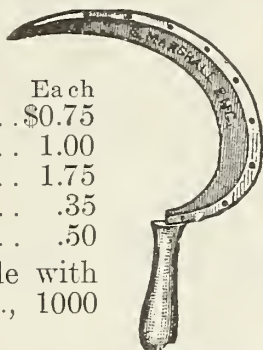
GRINDSTONES, Mounted. (See page 73.)

GRASS EDGER. Planet Jr. (See page 80.)

GRASS EDGING KNIVES. See Knives.

GRASS HOOKS or SICKLES.

Best English welded back. Each
No. 1. Small.....\$0.75
No. 2. Medium.....1.00
No. 3. Large.....1.75
Imported, small size......35
American, large size......50



GRAPE BAGS, Paper. Made with patent metal clasp. 100 75c., 1000 \$6.00.

HAMMERS, GARDEN. With claw. Each \$1.25.

HATCHETS. With claw. Each \$1.50.

HAY-COCK COVERS. Made with waterproof sheeting, 72 x 72 in. Each \$3.50, doz. \$30.00.

HOES, DRAW. With handles. 5 in., 80c.; 6 in. \$1.00; 7 in. \$1.10; 8 in. \$1.20.

HOES, SHUFFLE, or DUTCH. English make. Handles, 30c. extra.

4 in.	\$1.00	8 in.	\$1.60
5 in.	1.20	9 in.	1.70
6 in.	1.35	10 in.	1.80
7 in.	1.50	12 in.	1.90



HOES, WARREN. Medium \$1.10, large, \$1.30.

HORSE BOOTS. For lawns; made of heavy leather. Medium size, set of four, \$15.00; large size \$16.00.

HOSE BANDS. Made of brass wire. For putting on couplings. Doz. 20c.

HOSE PLIERS for the above. Each 25c.

HOSE CLAMPS. Bolt pattern. Doz. 60c.

HOSE COUPLINGS. Brass for $\frac{1}{2}$ in. or $\frac{3}{4}$ in. hose. Each 35c.

HOSE CONNECTION. Goose neck for connecting hose to faucet. Each \$1.00.

HOSE CONNECTION, Siamese for connecting two leads of hose. Each \$1.75.

HOSE HOLDER. "Matchless." For holding the hose on lawns or borders. Each 25c.

HOSE HYDRANT ATTACHMENT. Used for connecting hose to smooth faucets. Brass. Each 75c.

HOSE MENDERS.	Each	Doz.
"Cooper's." Brass. $\frac{1}{2}$ or $\frac{3}{4}$ in.....	\$0.15	\$1.50
"The Perfect Clinching." $\frac{3}{4}$ in..	.15	1.50
"Jones." Iron. $\frac{3}{4}$ in.....	.05	.50

HOSE NOZZLES.

"Gem," or "Graduating." $\frac{3}{4}$ in. hose. Can be regulated to give three different streams. Each 75c.



"The Boss." Spray or stream, with shut-off. Each \$1.00.

"The Stott." Single spray. Each \$2.00.

"Hose Rose," or "Boston Spray." With coarse or fine spray, for $\frac{3}{4}$ in. hose. Each \$1.10.

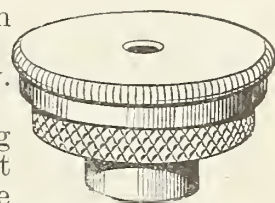
Hose Rose. Solid brass for $\frac{3}{4}$ in. hose. Each \$1.50.

FERGUSON'S SPRAYER. Three roses. Each \$3.50.

HOSE NOZZLES FOR SPRAY PUMPS. "Bordeaux." Adjustable. Each \$1.50.

"Vermorel." A fine spray. Each \$1.25.

"Shower." Will not clog and does the work without waste of material and time $\frac{1}{4}$ in. thread pipe. Each \$1.50. (See cut.)



Kant Clog Nozzle. Each 75c.

Mystery Jr. A fine spray. Each \$1.25.

HOSE, RUBBER.

	Per ft.
"Marshall." $\frac{1}{2}$ in. nonkinkable.....	\$0.18
"Marshall." $\frac{3}{4}$ in. nonkinkable.....	.20
"Electric." $\frac{1}{2}$ in.....	.20
"Electric." $\frac{3}{4}$ in.....	.23
"Extra." $\frac{3}{4}$ in. seven-ply.....	.18
"Special." $\frac{3}{4}$ in. five-ply.....	.15
Special Spray Pump. $\frac{1}{2}$ in.....	.20

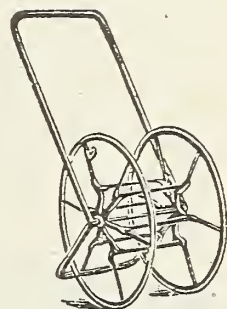
HOSE WASHERS. $\frac{3}{4}$ in. Doz. 10c., 100 50c.

HOSE REELS. Made with tubular iron; strong and durable.

No. 10. For 100 ft., $\frac{3}{4}$ in. hose. Each \$4.00.

No. 20. For 150 ft., $\frac{3}{4}$ in. hose. Each \$4.75.

No. 35. For 500 ft., $\frac{3}{4}$ in. hose. Each \$14.00.



HOSE REELS, Wooden. Each \$2.50.

HYACINTH STAKES. Dyed green.

12 in. long. 100 25c., 1000 \$2.00.

18 in. long. 100 30c., 1000 \$2.50.

KNIVES, ASPARAGUS, American. Each 35c.



KNIVES, ASPARAGUS, English. Each \$2.00.

KNIVES CORN. Forged steel. Each 50c.

KNIVES, BUDDING.

American. Round point.....Each \$1.50

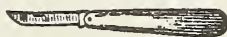
American. Cocoa wood handle. Round point......75

English. Round point.....2.25

English. Sharp point, No. 204.....3.00

English. Sharp point, brass cap, No. 204B. 4.50

English. Two blades.....3.00



KNIVES, PRUNING.

American. In different shapes. Each 75c. to \$1.50.



English. In different sizes. Each \$3.50 to \$4.50.



KNIVES, EDGING.

English. Handles 30c. extra. 8 in. \$2.00; 9 in. \$2.25; 10 in. \$2.50.

American. Each 75c.

American. With handles. Each \$1.25.



HORTICULTURAL TOOLS AND REQUISITES—Continued

LABELS, POT and GARDEN, Wooden.

	PLAIN		PAINTED	
	100	1000	100	1000
4 in.	\$0.15	\$0.90	\$0.15	\$1.20
4½ in. ....	.15	1.00	.20	1.40
5 in. ....	.15	1.20	.20	1.60
6 in. ....	.25	1.50	.25	2.00
8 in. ....	.50	4.50	.80	7.00
12 in. ....	.75	7.00	1.00	9.00

LABELS, TREE, Copper Wired. 3½ in. Painted.
100 30c., 1000 \$2.00.

LABEL VARNISH. Preserves wood labels; protects the markings; dries almost immediately. Applied by brush or dipping. Pt. cans \$1.25.

LABELS, HANGING, Celluloid. 3¼ in. long, ⅞ in. wide. Doz. 30c., 100 \$2.00.

LABELS, POT, Celluloid. 5 in. long, ⅞ in. wide. Doz. 60c., 100 \$3.50.

LABELS. "The Allproof."

Made with zinc, having a white enameled surface for the name, which is covered with a glass slide.



	Dozen	Gross
No. 1. For hanging, 3½ in. long...	\$0.80	\$8.50
No. 2. For pots or borders, 6 in. long	.90	9.00
No. 3. For pots or borders, 8 in. long	1.10	11.00

LABELS, The Simplex. Waterproof.

	Dozen	100
No. 1. 3 x ½ in.	\$0.35	\$2.50
No. 2. 4 x ¾ in. ....	.70	5.00
No. 3. 5 x 1 in.	1.00	7.50



A permanent label, air and water tight.
Doz. 60c., 100 \$4.00.

LABELS, TREE or GARDEN, Zinc. Per 100,			
No. 1	\$3.50	No. 6	\$3.00
No. 2	3.50	No. 7	3.00
No. 5	3.00	No. 13	3.00
No. 15	\$2.75	No. 21	3.25

INDELIBLE INK. For above. Bottle 25c.

LADDERS, EXTENSION. 20 to 40 feet per foot, 60c.

LADIES' TOOL SETS, "Keen-Kutter." Fork, spade, hoe and rake. Set \$3.50.

LAWN SPRINKLERS. (See page 86.)

LAWN RAKES. (See Rakes.)

LAWN MOWERS. (See pages 78 to 79.)

LAWN SWEEPERS. (See page 81.)

LEAF-MOULD. Pk. 30c.; 1 barrel bag \$2.00.

LINES. (See Garden Lines.)

MASTICA. For reglazing greenhouses. Qt. 90c., gal. \$2.75.

MASTICA GLAZING MACHINE. Each \$2.25.

MATTOCKS.

"Oak Leaf."

Hoe, 4¼ in.

Cutter, 3 in.

Each \$2.00.

Handles, 75c.



MATS, FROST-PROOF, Burlap. These mats are 76x76 in. square and made of strong drill filled with wool. Each \$3.25, doz. \$36.00.

Size 40x76 in., each \$2.00, doz. \$22.00.



MATS, Straw. Size 6 x 6 ft., each \$2.50, doz. \$27.00; size 3 x 6 ft., each \$1.50, doz. \$16.00.

MELON NETS. English make. Doz. \$2.50.

MOLE TRAPS.

"New Model." Each \$2.25.

"The Reddick." (See cut.) Each \$1.25.

"English." Each 60c.

MOSS, SPHAGNUM, LIVE. For orchids. Barrel \$3.50.

For packing. 5-bbl. bale \$3.00.

Green, in sheets. Bag \$4.50.

Dyed Green, in sheets. Bag \$5.50.

NAILS, English Wall. 1½ in. Chandler's patent with lead tip to turn over vine. Lb. 60c.



NOZZLES. (See Hose Nozzles.)

OIL CANS. Brass bottom. Three sizes, each 60c., 75c. and 90c.

PAPER.

Cream Manilla. 24 x 36. Lb. 16c.

Tissue. Ream (480 sheets.) \$2.25.

Waxed Tissue. Ream (480 sheets), 24 x 36 in., \$4.75.

Coarse, for parcelling. Lb. 18c.

Prices of Paper are subject to change.

PEAT, Rotted. 1-bbl. bag \$2.50.

PEAT, Orchid. 1-bbl. bag \$2.50.

PENCILS, GARDEN. For labels. Each 15c.

PICK MATTOCKS, "Oak Leaf."

Hoe 4¼ in.

Pick 8½ in.

Each \$2.00.

Handles 75c.



PICKS. Pointed both ends. Each \$2.00, handles 75c.

PLANT SPRINKLERS. (See Sprinklers.)

PLANT STAKES. Round, green, tapering (light)

	Each	Doz.	100
1½ ft.	\$0.03	\$0.25	\$1.75
2 ft. ....	.04	.40	3.00
2½ ft. ....	.06	.60	4.50
3 ft. ....	.08	.80	6.00
3½ ft. ....	.09	1.00	7.00
4 ft. ....	.10	1.10	9.00

Round Green Tapering (heavy).

4 ft.	\$0.15	\$1.50	\$11.50
5 ft. ....	.20	2.00	14.00
6 ft. ....	.22	2.25	16.00

Square Green Tapering (heavy).

4 ft.	\$0.13	\$1.25	\$8.50
5 ft. ....	.15	1.50	12.00
6 ft. ....	.20	1.75	14.00

BEAN POLES. Square, pointed, 8 ft. long; 1½ in. tapering to 1 in. at the top. Doz. \$2.50.

DAHLIA POLES. Heavy, round, green; tops painted white.

	Each	Doz.	100
2 ft.	\$0.06	\$0.60	\$4.50
3 ft. ....	.08	.90	6.50
4 ft. ....	.10	1.10	8.50
5 ft. ....	.12	1.35	10.50
6 ft. ....	.15	1.65	12.50

GALVANIZED WIRE, for Roses, etc. Plain or Anchored, No. 9 wire.

	100	1000		100	1000
2½ ft.	\$2.00	\$18.00	4 ft.	\$3.50	\$32.00
3 ft.	2.50	22.00	4½ ft.	4.50	40.00
3½ ft.	3.00	27.00	5 ft.	5.00	45.00



HORTICULTURAL TOOLS AND REQUISITES—Continued

PLANT PROTECTORS. For tomato or egg plants; wire with cotton covering. Each 25c., doz. \$2.50.

PLIERS. Side cutting, 6 in. \$1.25; 7 in. \$1.50.

POTS. (See Flower Pots, page 63.)

POST HOLE DIGGER. Each \$1.75.

POT HANGERS. Kraemers." Each 25c., doz. \$2.00.

POTATO HOOKS. Broad, flat prongs. 4-prong, \$1.00; 5-prong, \$1.25.

POWDER DUSTER. For Slug Shot. Each 70c.

POWDER GUN.

"Jumbo." Each 30c.

"Leggett's Little Giant." Each \$9.00.

"Leggett's Champion Duster." Each \$12.00.

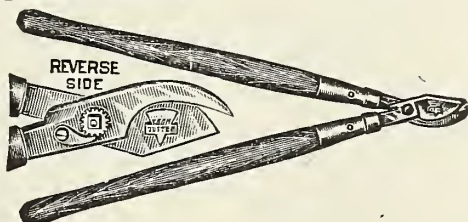
PRUNER, or Loping Shears.

"Keen-

Kutter."

Handles 22 in.
each \$3.00.

Handles 24 in.,
each \$3.00.



PRUNERS, TREE.

Eagle. 2 ft. handle, each \$1.25; 3 ft. handle \$1.50.

Waters'. 8 ft. handle, \$1.50; 10 ft. handle, \$1.75; 12 ft. handle, \$2.00.

Extra blades, 25c. each.

Rhodes'. Cuts on both sides and does not bruise the bark. Length 20 or 26 in. Each \$4.00.

Little Giant Pruner

Hook and Saw

Combined. At-

taches to pole of

any length. Each

\$3.50.



PROTECTING CLOTH. Valuable for protecting early plants from frost. Pieces contain from 40 to 60 yards.

Heavy Grade. By piece of 50 yds., per yd. 30c.

Medium Grade. By piece of 50 yds., per yd. 25c.

PUMP, "The Kinney." For distributing water and liquid manure through the hose at the same time. Each \$2.75.

PUMPS. (See Spray Pumps, pages 83, 84, 85.)

PUTTY BULB, Rubber. For glazing, \$1.35.

PUTTY, Twemlow's Old English. 1 gal. cans market price.

RAFFIA. The best material for tying plants.

Not procurable at present. Green, dyed, lb. \$1.25.

RAFFIA TAPE. Green, on spools of 250 yards. Each \$1.00.

RAKES.

Garden. Best steel. 8 teeth, 90c.; 10 teeth, \$1.10, 12 teeth, \$1.20; 14 teeth, \$1.30; 16 teeth, \$1.40; 18 teeth, \$1.50.

Hay. Wooden, 3 bows, 12 teeth, 75c.

Lawn. Wooden, 3 steel bows, 22 teeth, \$1.00.

Ladies' Wooden Lawn. 75c.

Reversible. Galvanized, 24 teeth, \$1.25.

Lawn, "Olsen." 26 wood teeth, iron brace. each \$1.00.

Rake and Hoe. A combination tool, \$1.00.

REELS, GARDEN. Each \$1.25 and \$1.75.

RIFLES, EMERY. For sharpening. Each 15c.

ROLLERS. (See page 81.)

RUBBER BANDS. For split Carnations. Oz. 30c.

RUBBER ROOFING. For outhouses, sheds, etc. Made from felt and asphalt. 1 ply, per roll of 108 sq. ft., \$2.25; 2 ply, \$2.75.

RUSTIC WORK. (See page 70.)



SAWS.

Pruning. Single edge, 16 in., 85c.; 18 in., \$1.00; 20 in., \$1.25. Double edge, 16 in., \$1.00; 18 in., \$1.25; 20 in., \$1.50.

Double Swivel. Blade 14 in. long. Very useful for pruning. Each \$2.75. Extra blades 35c.

Oak Leaf. 14 in. blade, which can be used at any angle. Each \$2.00. Extra blades 35c.

Crescent Pattern, "Keen-Kutter." 16 in., each \$1.25.

Hand or Pruning, "Keen-Kutter." 20 in. blade, each \$2.25.

SAW FILES. Best make. Each 20c. and 25c.

SASH, HOTBED, Extra Strong.

Un glazed. Made of best cypress. Regular size, 3 x 6 ft., using 6 x 8 in. glass. No. 4, each \$1.50, doz. \$16.00.

Glazed (Packing extra.) Size 3 x 6 ft., using 6 x 8 in. glass. Painted two coats white. No. 4, each \$4.00, doz. \$45.00.

Glazed. Size 3 ft. 2 in. x 6 ft., using 8 x 10 in. glass. No. 9, each \$3.75, doz. \$42.00.

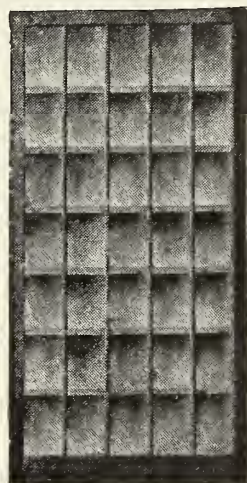
Glazed with 10 x 12 in. double thick glass. Size 3 x 6 ft., No. 10, each \$4.50, doz. \$50.00.

"Sunlight." Double

Glass. Glazed with 8 x 10 in. double thick glass

Painted two coats, white. Each \$5.00, doz. \$55.00.

Hotbed Frames for Sash. For 2 sash, each \$9.00; for 3 sash, each \$10.00; for 4 sash, each \$12.00; for 5 sash, each \$14.50.



SCISSORS.

Grape or Vine. Best make 7 in., \$1.50; 8 in., \$1.75.



Flower Gatherers. Best quality. 6 in., \$1.75; 7 in., \$2.00; 8 in., \$2.25.



SCISSORS, PRUNING. English make, 4 in., \$1.75.

SCYTHES.

Lawn, English. 30 to 34 in., each \$2.00 to \$2.25.

Grass, American. 30 to 40 in., each \$1.35.

Brush or Weed. 18 to 21 in., each \$1.25.

SCYTHER-SNATHS (or Handle). Each \$1.75.

SCYTHER-STONES. American. Round. Each 30c., doz. \$3.00. Flat, each 20c., doz. \$2.00.



HORTICULTURAL TOOLS AND REQUISITES—Continued

SEEDERS. (See pages 27 and 77.)

SHADING. Lippman's green. A powder to mix with water. 5 lbs. to gallon. 5 lbs. \$1.75.

SHEARS.

Grass Border.

English.
(without wheel)
8 in. \$3.50
9 in. 3.75
10 in. 4.50



Grass or Sheep.

Best trowel shank. \$1.50.

Grass. Assorted sizes. Each 25c., 50c., 75c.

Hedge. (With notch, 35c. extra.) 8 in., \$1.50; 9 in., \$1.75; 10 in., \$2.00.



Ladies' Hedge. 5½ in., \$1.50.

Lopping. (See Pruners.)

Wiss, Hand Pruning. (Solid Steel.) 9 in., \$3.50; 10 in., \$4.00.

California Pattern.

9 in. long
(See cut). Each \$1.25.



"Oak Leaf." 9 in. long. Each \$1.75.

Perfection Pruning.

Cuts on both sides.
6½ in., \$2.00, 7½ in., \$2.25; 8½ in., \$2.75; 9½ in., \$3.25.



Watch Spring Pruning. 7 in., \$2.25; 8 in., \$2.50; 9 in., \$3.00.



Ladies' Pruning. 6½ in. Nickel plated, \$1.25.

SHREDS, Medicated Garden. For nailing on trees, vines, etc. 3 in., 100 50c.; 4 in., 100 55c.

SHOVELS, Best Cast Steel. Square and Diamond Pointed. Long and short handles. Each \$2.00 and \$2.50. Good quality. Square or round pointed, each \$1.75.



SIEVES, WIRE. For sifting loam, gravel, etc. 1/8 in., 1/4 in., 1/2 in. or 3/4 in. mesh., 18 in. in diam., each \$1.75 and \$2.00.

SILKALINE, Meyer's Green. Fast color. Spool 35c. Box of 8 spools \$2.75.

Florists' Thread. 2 oz. spools, each 20c., doz. \$2.00.

SMILAX TWINE. Green. Box of 8 balls \$1.50.

SPADES. Best cast steel. Long or short handles. Each \$1.75 and \$2.00.

"Keene-Kutter," extra quality, each \$2.75.

SPRAYERS. (See pages 83, 84, and 85.)

SPRINKLERS.

Rubber. Scollay's straight or angle neck. No. 1, 12 oz. size, \$1.50.

The Ideal. Made entirely of metal and fits any bottle; can be used at any angle for insecticides or water. Each \$1.00.



SPUDS. English. Each 75c.

STAKES. (See Plant Stakes and Canes.)

STAKES, HYACINTH. Green. 18 in. long. Doz. 5c., 100 30c., 1000 \$2.50.

STICKS, Match. 18 in. long. 1000 \$2.25.

STYPTIC, Thompson's. To prevent bleeding of vines. Each \$1.25.

SULPHUR VAPORIZER, Campbell's Patent. (See Fumigators, page 64.)

SUMMER CLOUD. A well known English shading for greenhouses or frames. 1/2 lb. pkg., 50c.



SYRINGES, GARDEN, Brass.

No. 2 Length 14½ in., diam. 1¾ in., one spray rose and stream. Each \$4.50.

No. 3 Length 18 in., diam. 1½ in., two spray roses and one stream. Each \$6.00.

No. 4 Length 18 in., diam. 1½ in., two spray roses and one stream extra heavy and strongly mounted. Each \$8.00.

TENNIS NETS. Single court, 27 x 3 ft. Double court, 36 x 3 ft., canvas bound. Prices on application.

TENNIS MARKER, The Eureka. For marking tennis courts. \$12.00.

THERMOMETERS.

Mushroom Bed. Boxwood, brass tips. Each \$1.50. All metal, each \$2.25.

Distance Scale. Metal frame. Each 75c.

Incubator, Tycos. Each \$1.00.

Japan in tin case. 8 in., 50c. 9 in., 60c.; 10 in., 70c.; 12 in., 90c.

Boxwood. Each \$1.00 and \$1.50.

Maximum registering. Each \$2.75.

Minimum registering. Each \$2.75.

Porcelain Scale. For conservatory. Each \$1.50.

Self-registering. Metal scale. Japanned case, 8 in. size, \$5.50; 10 in. size, \$6.00; 12 in. size, \$6.50.

Self-registering, "Hicks." English make, metal scale. 8 in., each \$7.50; 10 in., \$9.00; 12 in., \$10.50.

Magnets for self-registering. 30c.

TIN FOIL. Lb. 30c. Violet or green, lb. 75c.

TOOL SETS. "Keene-Kutter." Fork, spade, hoe and rake. Set. \$3.50.

TOOTH PICKS. Wired. 1000 30c.

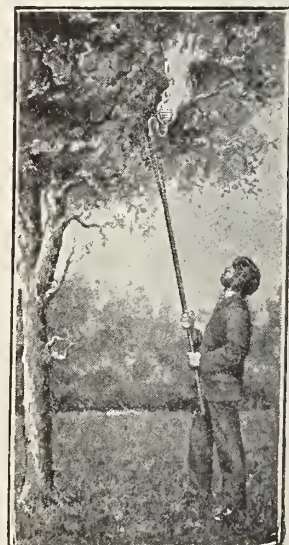
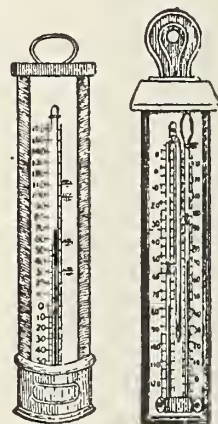
TORCHES, Asbestos. Each 60c. Handles 35c. extra.

TOMATO SUPPORTS.

Wire. Each 30c., doz. \$3.00.

Perfection. Wood. Each 30c., doz. \$3.00.

Adjusto. (See page 73.)





HORTICULTURAL TOOLS AND REQUISITES—Continued

TREE CLIMBERS. For attaching to the legs, to climb tall trees. With leather straps. Pair \$4.50.

TREE GUARDS. "Anchor" Expanded Metal. Very strong, steel wire, with three iron supports. Each \$4.50.

TREE SCRAPERS. Large iron with handle. Each \$1.00.

TROWELS.

Steel. 6 in., 70c.; 7

in., 75c.; 8 in., 85c.

Cast Steel. Each 35c.

"Keene Kutter." Best forged steel, 6 in. blade, bent or straight neck. Each \$1.25.

Cleve's Angle. Large size, each 25c.

Primrose. Iron. Each 15c.

TUBS, PLANT. (See page 74.)

TURFING IRONS. English. Each \$7.00.

TWINE.

Green Smilax. Box of 8 balls \$1.50.

Marline. (Tarred Twine). Lb. 45c.

Marline. Small size. Lb. 75c.

Hemp. All sizes. Lb. \$1.10.

Jute. Three or four-ply, for trees. Lb. 45c.

WEEDERS.

"Excelsior." Five claw fingers. Each 15c.



"Pull-Easy." Can be used easily and without stooping.

See cut. Each

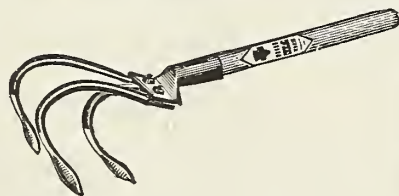
70c.

"Adjustable."

Three prong.

(See cut.) Each

60c.



Pull-Easy Jr. Hand weeder. Each 75c.

WEEDERS—Continued

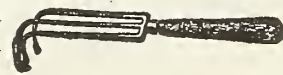
Daisy Grubber. English. Each \$1.25.

Dandelion Puller. Long or short handle. 70c.



Lawn. For removing docks, dandelion, etc.; can also be used as an asparagus knife. 35c.

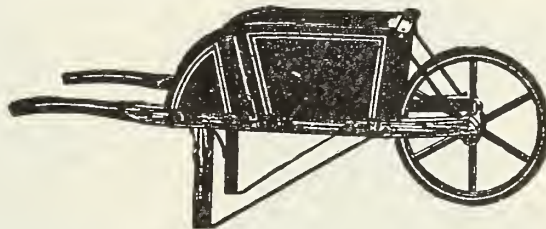
"Eureka." Very useful for garden purposes. Each 50c.



Thistle Spud. English. Each 50c.



The "Dandy-Lion" Weed Killer. With brass covered cylinder, brass ball handle, removable base, valve, spring, etc. Each \$1.25.



WHEELBARROWS, GARDEN. Small size No. 3, \$6.25. Medium size, No. 4, each \$7.00. Large size, No. 5, each \$7.50.

WIRE, Annealed for Stemming.

No. 23. Coarse. 18 in. lengths..... \$0.40

No. 26. Coarse. 18 in. lengths..... .45

No. 34. Fine Hair. 18 in. lengths..... .50

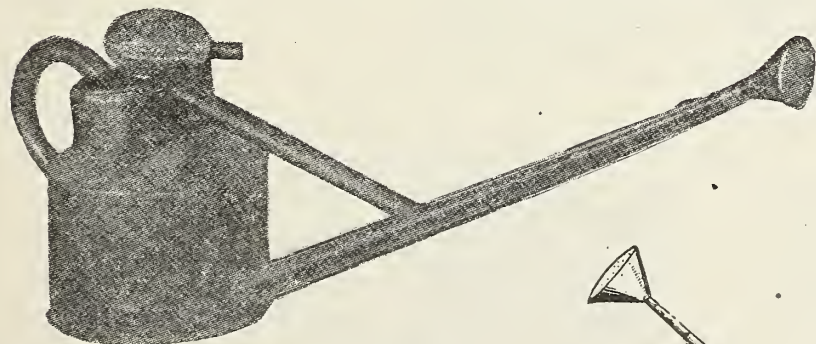
WIRE, Galvanized.

No. 12. Heavy. 100 lbs..... Market price

No. 15. Medium. 100 lbs..... Market price

No. 18. Fine. 12 lbs..... Market price

WATERING POTS



Hawe's English Pattern

Hawe's English. Valuable for watering fine seeds, as well as for all greenhouse and garden work. One very fine and one coarse rose. Made with heavy material, painted red. 4 qts. \$3.50, 6 qts. \$4.25, 8 qts. \$5.50, 10 qts. \$6.00.

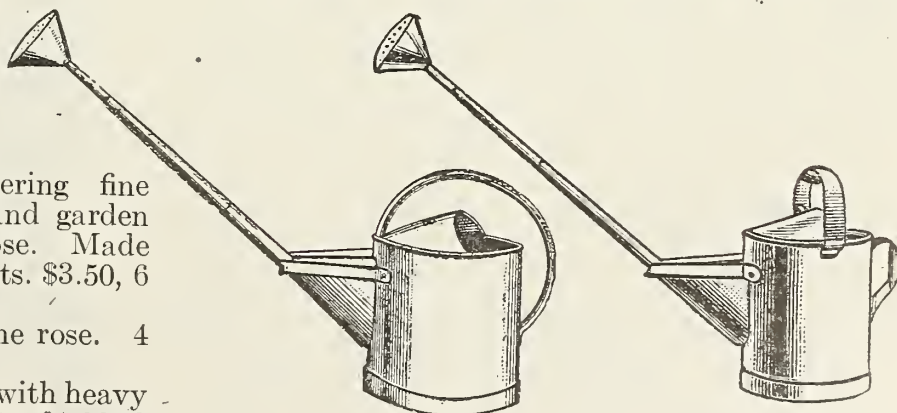
Low, or Strawberry Pattern. One fine rose. 4 qts. \$3.00.

Galvanized Watering Pot. It is made with heavy galvanized material. 4 qts. \$1.00, 6 qts. \$1.20, 8 qts. \$1.35, 10 qts. \$1.60, 12 qts. \$2.00, 16 qts. \$2.50.

French Pattern. With long spout and brass bow handle. 2 roses. 6 qts. \$4.25, 8 qts. \$4.50, 10 qts. \$5.25, 12 qts. \$6.00.

Philadelphia Pattern. With two copper-faced roses. 4 qts. \$3.50, 6 qts. \$3.75, 8 qts. \$4.00, 10 qts. \$4.50, 12 qts. \$5.25.

Extra Roses. Fine or coarse. Each 40c.



French Pattern

Philadelphia Pattern

RUSTIC BIRD HOUSES

FOR WILD BIRDS

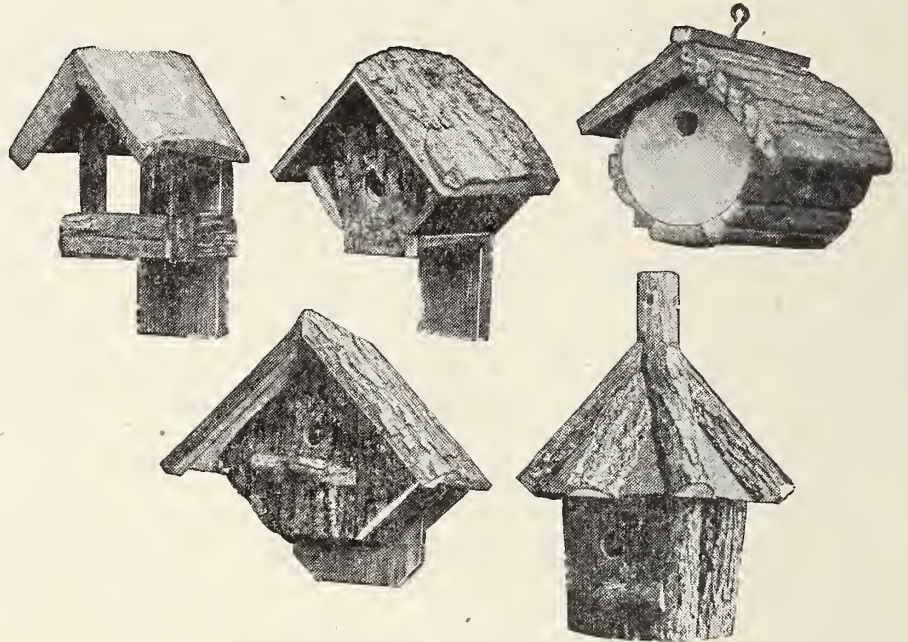
These bird houses have a natural look, being made with wood with the bark left on, with entrance holes for the size of the birds they are designed for, and to exclude the sparrows.

They are made to hang in trees, on buildings or placed on posts, as circumstances permit.

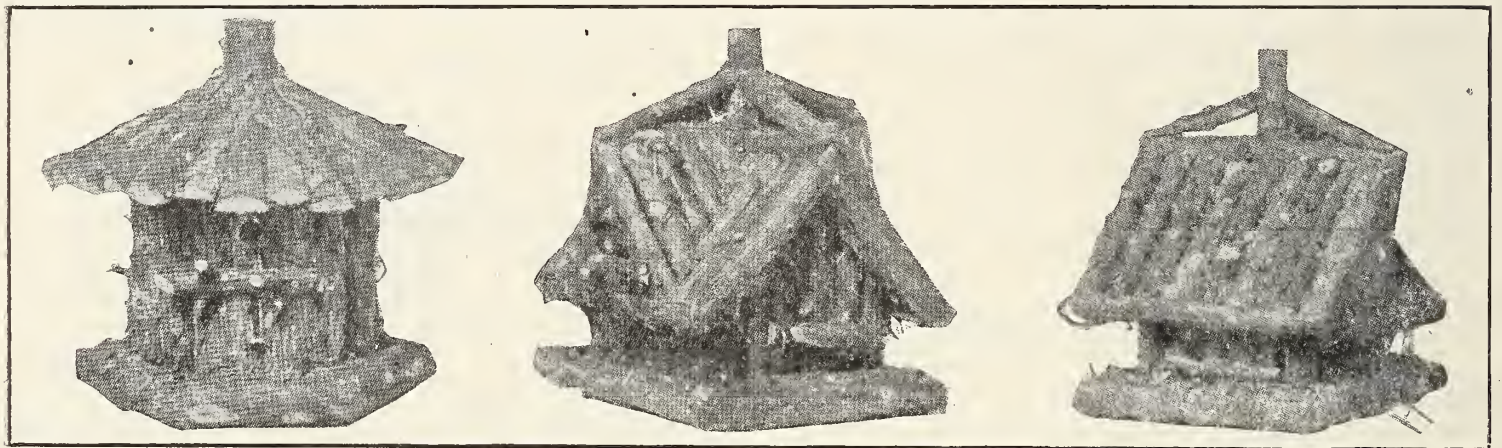
They are built with chestnut, elm, oak and other natural woods.

We carry in stock a variety of styles and sizes and shall be pleased to supply an assortment to any value required.

Prices, \$1.00, \$1.25, \$1.50, \$2.00 and \$2.50 each.



Rustic Bird Houses



No. 6 Hexagonal

No. 5 Martin House

No. 4 Log Cabin

The above **Rustic Bird Houses** are made with Rustic Cedar and are very ornamental and attractive to all birds.

- No. 1 **Log Cabin**, one-family house, 10 in. wide, 10 in. high. Each \$1.25 and \$1.50.
- No. 2 **Log Cabin**, two-family house, 10 in wide, 12 in high, 14 in deep. Each \$3.00.
- No. 3 **Log Cabin**, two-family house, 14 in. wide, 12 in. high, 17 in. deep. Each \$4.00.
- No. 4 **Log Cabin**, two-family house, 14 in. wide, 17 in. high, 16 in. deep. Each \$4.50.
- No. 5 **Martin House**, four-family, 14 in. wide, 18 in. high, 19 in. deep. Each \$5.50.
- No. 6 **Hexagonal**, one-family house, 12 in. wide, 14 in. high, 19 in. deep. Each \$3.50.
- No. 7 **Hexagonal**, two-family house, 12 in. wide, 15 in high. Each \$4.00.
- No. 8 **Robin House**, 10 in. wide, 19 in. high, 9 in. deep. Has canopy top and flat wood back. Each \$2.00.
- No. 9 **Twelve-room Martin House** 27 in. wide, 22 in. high. Each \$18.00.

RUSTIC CHAIRS, VASES, ETC.

RUSTIC GARDEN VASES. Made of red cedar, unpeeled. Very ornamental, for lawns when filled with plants. Each, 12 in. tub, \$4.50; 16 in. tub \$5.00.

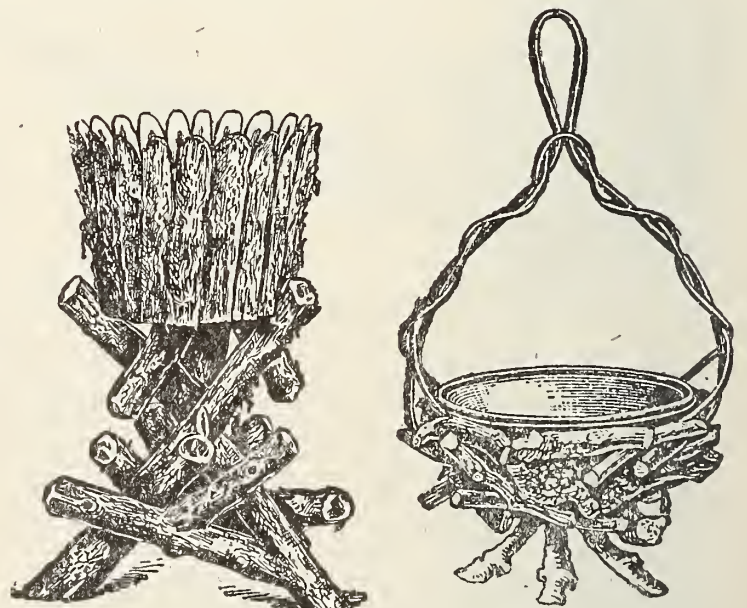
RUSTIC CEDAR CHAIRS. Strong, durable and ornamental. Each \$6.00; extra heavy, \$8.00.

RUSTIC HANGING BASKETS. Made from Laurel roots, elegantly finished and rattan handle. These baskets cannot be equaled in style, finished or make. They will stand severe weather, and with a little care are good for 10 to 12 years' wear. Each, 10 in., \$1.75; 12 in., \$2.00; 13 in., \$2.25, 14 in., \$2.50.

RUSTIC WINDOW BOX. Made of Chestnut or Cedar, unpeeled. Extra strong and durable. Outside measurement 22 in., \$1.25; 28 in., \$1.50; 32 in., \$1.75; 36 in., \$2.00 each.

RUSTIC CEDAR SETTEES. Made strong and ornamental. Each \$10.00; extra heavy, \$12.00.

RUSTIC CEDAR TABLES, Round. Adapted for summer houses or lawn. 30 in. diameter. Plain top, each \$7.00; Cedar top, \$9.00.

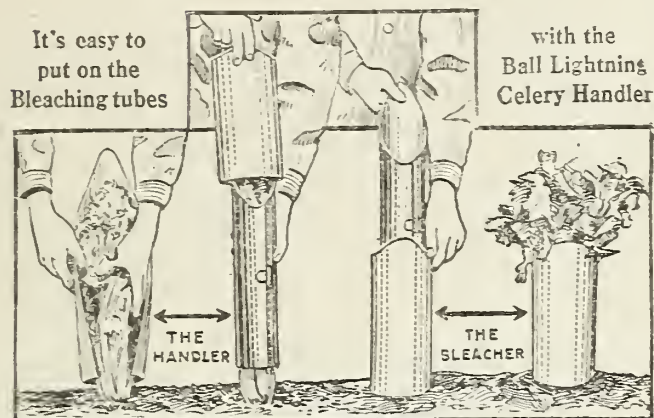


Rustic Vase

Hanging Basket



BALL CELERY BLEACHER

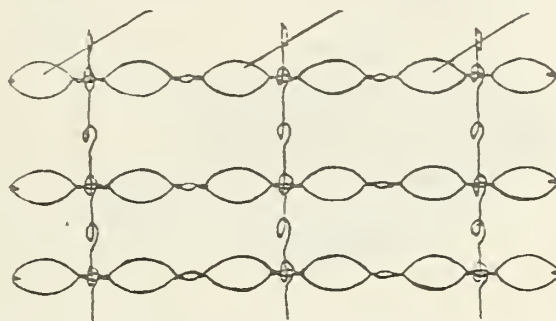


The home grower and private gardener will find this an ideal system of bleaching celery—handy, neat and just the thing to bleach a few stalks every few days as wanted.

It only takes a week or ten days after putting on these bleachers when your Celery will be a beautiful white, and all ready for the table. No banking with soil, no hunting up boards, and it produces better results on early Celery. The same bleachers can be used over and over again the same season.

Price of Bleachers, 6½x13-in. 40c. per doz., \$3.00 per 100. The Ball Lightning Celery Handler, Spring Brass, \$4.00.

CONTINUOUS RING CARNATION SUPPORT



This is the best Carnation Support for private or commercial growers. They are made with galvanized wire. For rows of 3, 4 or 5 plants two upright stakes are used and rows of 6 or 7 plants, three upright stakes. Each row has three rings for each plant which are adjustable to five different heights. To make the stakes rigid, straining wire should be used the full length of the bench. Full directions are sent with each order for setting up.

When ordering state how many plants are in each row and number of rows in the bench.

Supports for 3 to 5 plants to row. Doz. 60c., 100 \$3.50.

Supports for 6 or 7 plants to row. Doz. 65c., 100 \$4.00.

Supports for 8 to 10 plants to row. Doz. 70c., 100 \$4.50.

COMBINATION WATER BARREL TRUCK AND LEAF CART

Barrel can be detached from truck without difficulty, or tilted to empty contents. Either barrel, leaf rack and box can be used. Furnished with wood wheels.

TRUCK AND WATER BARREL

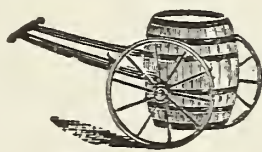
With 1¼-in. tires.....\$15.50
With 3 -in. tires..... 18.50

TRUCK AND HANDCART BOX

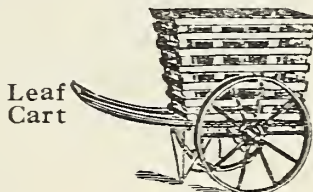
With 1¼-in. tires.....\$16.00
With 3 -in. tires..... 19.00

TRUCK AND LEAF RACK

With 1¼-in. tires.....\$18.00
With 3 -in. tires..... 21.50



Water Barrel



Leaf Cart

TRUCK, BARREL, LEAF RACK AND CART

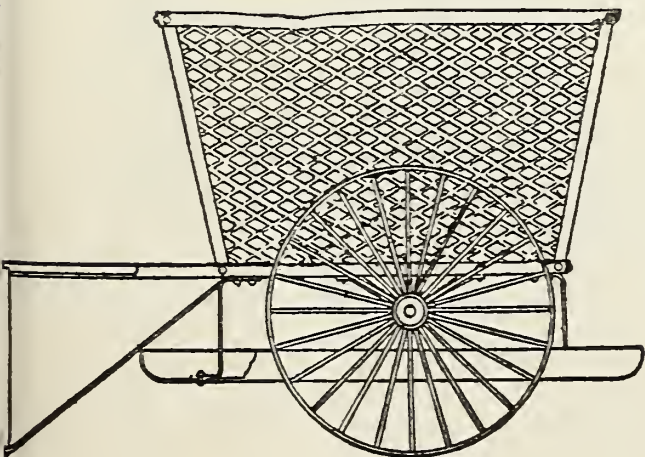
Complete with 1¼-in. tires.....\$28.50
Complete with 3 -in. tires..... 31.50

ADDITIONAL ATTACHMENTS

Box for Hand Cart, \$7.00.
Leaf Rack for Truck, \$9.50.
Sprinkling Attachment, \$9.50.
Extra Barrels with Trunnions, \$6.00

If wanted with steel wheels add \$3.00 for 1¼ in. and \$6.00 for 3 in. threads.

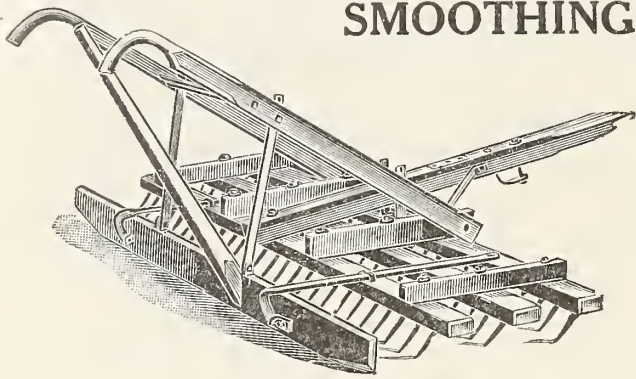
PORTABLE REFUSE BURNERS



A portable steel furnace for the rapid and convenient destruction of all leaves, refuse and waste matter. In reality a two-wheeled hand cart (for which purpose it can also be used), made of strong steel angle iron and heavy steel netting, which is fire-proof and guaranteed not to burn out. Is fitted with broad-tired wheels, which enable it to be pulled along with the cleaning up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle, which catches all the fire and ashes as they fall through the bottom. This pan can be easily emptied as needed.

Against the cost of hauling the leaves and rubbish to a convenient spot for burning, the leaf burner will pay for itself twice over in one season.

No. 1 Capacity 16 cubic feet.....\$35.00
No. 2 Capacity 11 cubic feet..... 26.00
No. 3 Capacity 5 cubic feet..... 15.00



SMOOTHING AND LEVELING HARROW

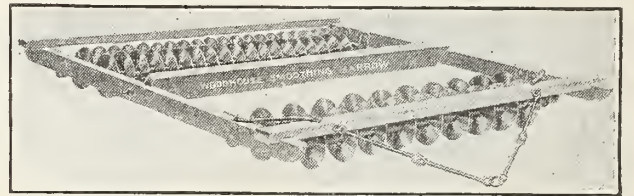
With this tool every field can be made as smooth as a floor and the soil pulverized fine enough for a flower bed—makes a most perfect Onion bed. This harrow is also a great road maker. One man, with team, can make a perfect trotting track of any road. It is adjustable with a lever, by which the entire action is controlled by the driver, and he can remove at will all the earth possible for the team to haul, taking it from hills or uneven places and putting it into hollows to level up the field.

One-horse, 6 ft., \$40.00; two-horse, 8 ft., \$45.00.

"WOODHOUSE" STEEL DISC SMOOTHING HARROW

The frame measures 6 feet 8 inches by 6 feet, and has 4 sets of rollers, having 58 discs, 8 inches in diameter.

Price.....\$39.00
One Horse size 40.00



GARDENER'S HARROW

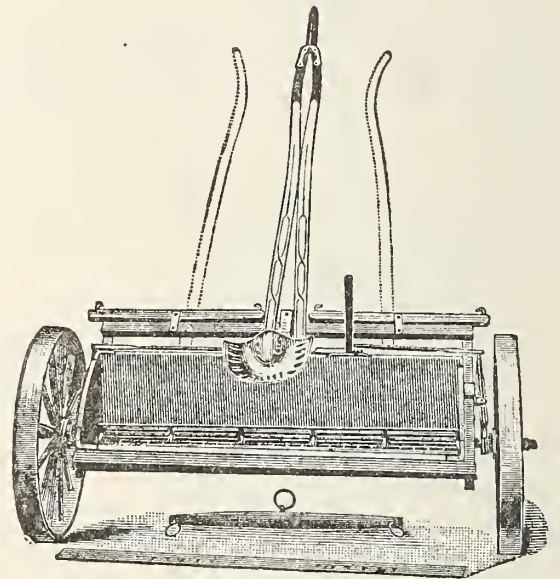
Designed for one horse, convenient to handle and get around garden plots, etc.

25 Teeth with Runners.....\$11.00
30 Teeth with Runners..... 12.00

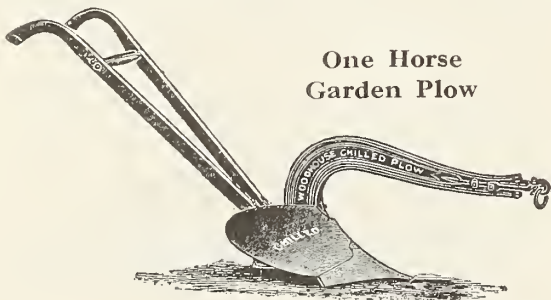
"STEVENS" FERTILIZER DISTRIBUTOR

This machine in addition to plaster will sow Bone Dust, Ashes, Lime, and all fine fertilizers. It broadcasts evenly any quantity desired from 200 lbs. to 4000 lbs. per acre. The adjustment is perfect simple and strong. Combined Pole and Shafts, Neck Yoke and Whiffle trees furnished with each machine.

Machine to sow to a width of 8 feet 3 inches.....\$68.00
Machine to sow to a width of 5 feet 10 inches..... 61.00.
Hand Fertilizer Distributor, 34 inches wide..... 14.00



"Stevens" Fertilizer Distributor



One Horse
Garden Plow

ONE HORSE GARDEN PLOW

No. 6 Iron beam wood handles; cuts a 3- to 6-inch deep furrow, and 7 to 10 inches wide. Weight 65 lbs. Price, with extra point, \$13.00; with wheel, \$1.75 extra.

DOUBLE MOULD TWO HORSE PLOW

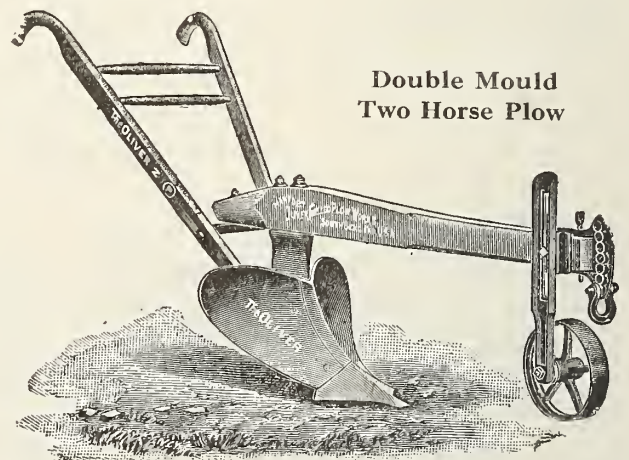
This plow is especially adapted for cultivating Potatoes, Corn, etc. Has chilled mould boards and share, 8-inch cut making a double furrow, 16-inch spread.

No. 2. Price \$15.00, with wheel \$2.00 extra.

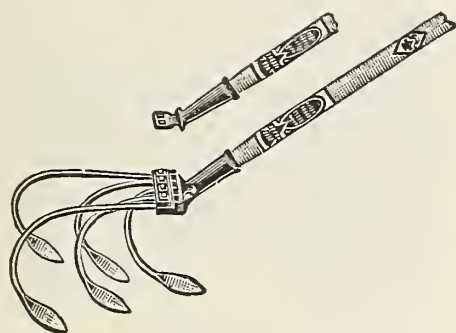
STEEL BEAM PLOWS

These are new patterns, and intended for general purpose, having superior turning qualities, make them well adapted to sandy and stony soil.

No. 83. Medium Two Horse Plow, will turn a furrow 5 to 7 inches deep by 11 to 13 inches wide; weight 120 lbs.....\$21.00
No. 84. Large Two Horse Plow, turns 5 to 8 inches deep by 12 to 15 inches wide; weight 125 lbs..... 22.00
Add for wheel.....\$1.75 Jointer..... 3.50
No. 524. Side Hill Plow, turns a furrow 5 to 8 inches deep by 12 to 15 inches wide. With Chilled Mould, \$22.00; with Steel Mould, \$25.00. Add for wheel, \$2.00. Hanging Coulter..... 3.50



Double Mould
Two Horse Plow



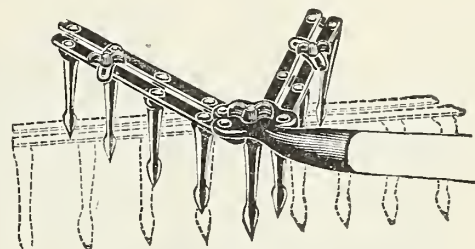
ADJUSTABLE GARDEN CULTIVATOR

The most useful hand garden tool on the market.

It will pull out the weeds, pulverize the ground thoroughly, leaving it level. It will work between the rows, or the center shovel can be removed and straddle the row if desired. It is adjustable in width by sliding the top plate. It is the lightest, weighing but 3 pounds complete with long handle. The blades are forged out of a solid steel rod. Price, \$1.25.

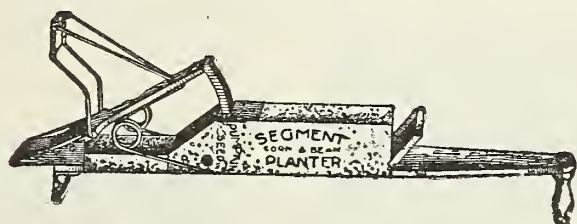
PULL-EASY CULTIVATOR

This adjustable cultivator can be adjusted to fit rows of any width from 7 to 18 in. The middle tooth can be instantly removed to straddle the row. Furnished with a 4½ ft. wood handle. Each \$1.50.



Pull-Easy Cultivator

HAND CORN PLANTERS



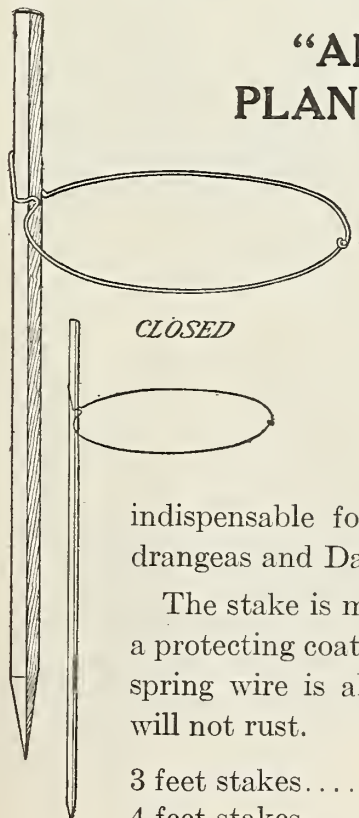
The "Segment" is light, strong, accurate and withal the cheapest and most up-to-date planter on the market. Price, \$2.25.

WINDOW BOXES—SELF WATERING

Made with heavy metal, ornamented with a stamped design. They require water only every two weeks and will not leak. All sizes are 8 in. high and 9½ in. wide.

	Length		Length
No. 1	23 in.	No. 6	33 in.
No. 2	25 in.	No. 7	35 in.
No. 3	27 in.	No. 8	37 in.
No. 4	29 in.	No. 9	39 in.
No. 5	31 in.	No. 10	41 in.

"ADJUSTO" PLANT SUPPORT



CLOSED

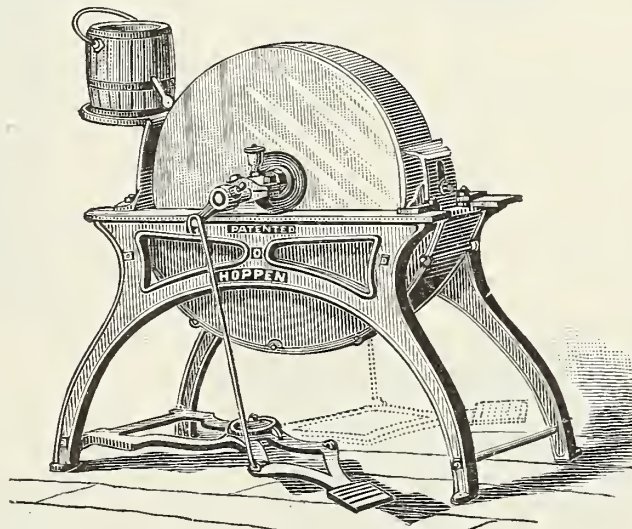
The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a life time.

It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Hydrangeas and Dahlias.

The stake is made of hard wood having a protecting coat of green paint, the heavy spring wire is also painted green and so will not rust.

	Each	Doz.
3 feet stakes.....	\$0.20	\$2.25
4 feet stakes.....	.25	2.75

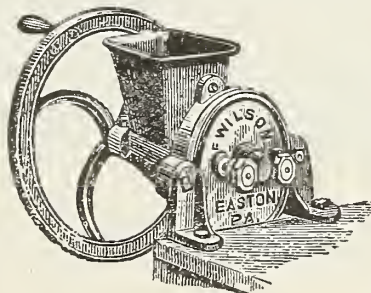
THE HOPPEN GRINDSTONE



The frame is all iron and is very rigid. Every private estate should have one of these Grindstones on hand.

No. 0 Stone 24x21½ in., complete.....	\$32.00
No. 1 Stone 24x3 in., complete.....	34.00
No. 2 Stone 27x3½ in., complete.....	55.00

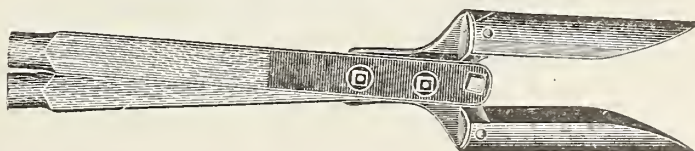
GRINDING MILL



This machine will grind dry bones, shells or grain, either fine or coarse. It will make excellent grit out of old crockery, melted glass, etc.

No. 1, without legs, \$6.50; No. 1, with legs, \$8.50.

POST HOLE DIGGER

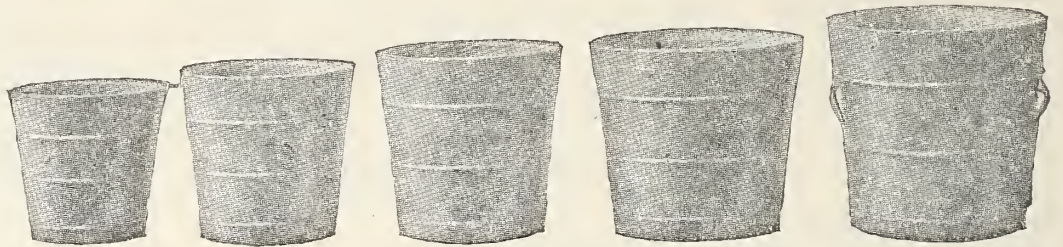


The blades are 9 in. long, and the handles 5 ft. long. Price.....\$1.75



MARSHALL'S PLANT TUBS

Made from selected white cedar, bound with electric welded wire hoops (galvanized). Painted green, furnished without handles, or we can supply handles if wanted. Inside measurements.

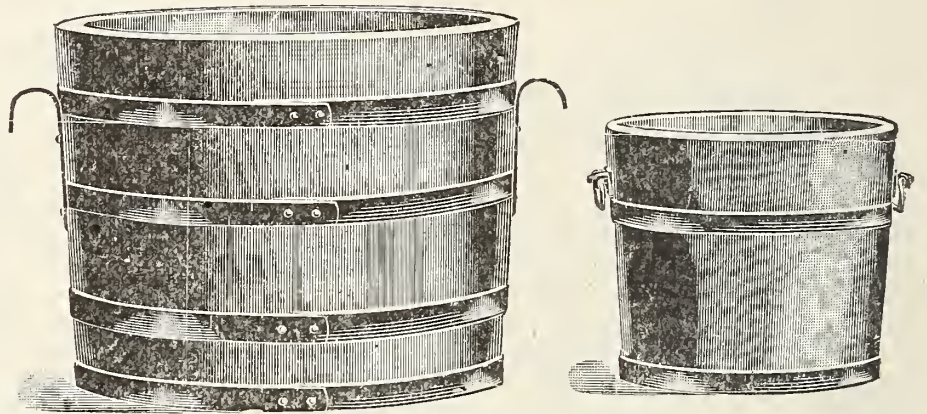


	Diameter	Height	Each		Diameter	Height	Each
No. 3.....	8 in.	8 in.	\$0.80	No. 8.....	13 in.	12 in.	\$2.00
No. 4.....	9 "	9 "	1.00	No. 10.....	15 "	14 "	2.60
No. 5.....	10 "	9 "	1.20	No. 12.....	17 "	13½ "	3.35
No. 6.....	11 "	10 "	1.40	No. 14.....	19 "	15½ "	4.25

NEW YORK CEDAR TREE TUBS

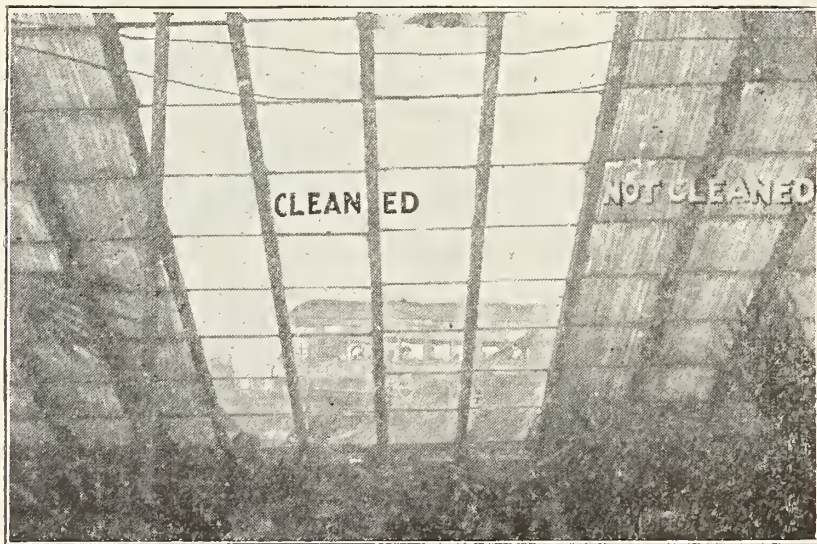
Made with very heavy cedar. Painted green in regular stock. Any color desired to order. Outside measurements.

	Diameter	Height	Each
No. 00.....	32 in.	26 in.	\$14.50
No. 0.....	30 "	24 "	12.50
No. 1.....	28 "	22 "	10.00
No. 2.....	26 "	20 "	8.00
No. 3.....	24 "	18½ "	6.00
No. 4.....	22 "	17 "	5.50
No. 5.....	20 "	16 "	4.50
No. 6.....	18½ "	15 "	3.75
No. 7.....	16½ "	14 "	3.25
No. 8.....	15½ "	13 "	2.75
No. 9.....	14 "	12 "	2.25
No. 10.....	12 "	9½ "	1.75



No. 00, 0, 1 and 2 have hook handles. Smaller sizes drop handles. Furnished without feet unless specially ordered.

DAYLITE GLASS CLEANER



This will clean shading or other dirt from glass without injury to plant or putty. Valuable for cleaning sides or roofs of greenhouses. Per gallon, \$1.50, 5 gallons, \$6.00.

SUMMER CLOUD SHADING



This well-known English preparation is used for shading greenhouses, frames, etc. Does not wash off like lime. Packages containing 8 ounces. Each 50c.

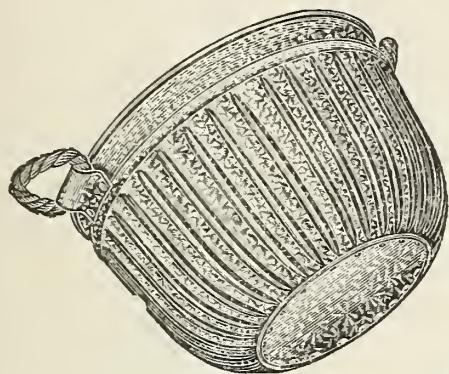
WHEELBARROW LEAF-RACK ATTACHMENT

Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bushels; made of galvanized wire, bolted to a wooden base. Each \$6.50.





GALVANIZED BASKETS



This basket will give longer and better use than any other basket. The bottoms are double thickness, securely riveted and the top has a steel bar rolled in the top edge.

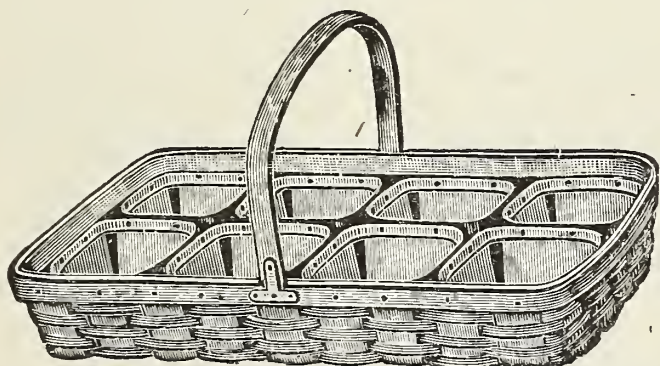
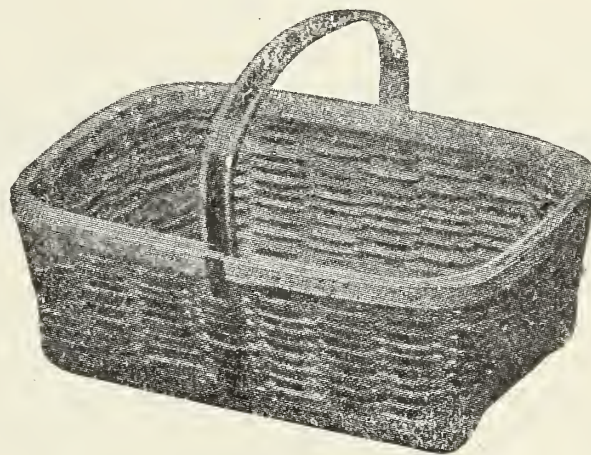
Useful for vegetables, rubbish and all kinds of garden or farm work. Also for carrying water, washing pots in, or mixing Insecticides.

No. 0. $\frac{3}{4}$ bushel.....	Each \$2.50
No. 1. 1 bushel.....	2.75
No. 2. 2 bushels.....	3.50

GARDENERS' BASKETS

Made with splint and bamboo bound with metal straps. Very strong and durable.

No. 1 size 19 in. x 11 in. x 7 in.....	\$1.75
No. 2 size 21 in. x 12 in. x 7 in.....	2.00
No. 3 size 25 in. x 14 in. x 8 in.....	2.25
No. 4 size 27 in. x 16 in. x 9 in.....	2.75
No. 5 size 28 in. x 18 in. x 10 in.....	3.25



FLOWER AND FRUIT BASKETS

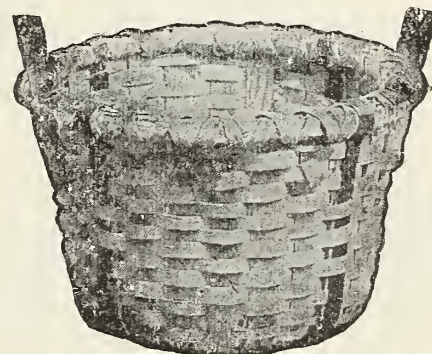
A handy basket for gathering flowers, vegetables and fruits.

Medium size 20 x 12 x $3\frac{1}{2}$ in.....	Each \$0.75
Large size 22 x 14 x $3\frac{1}{2}$ in.....	Each 1.00

GENERAL FARM BASKETS

Made with best oak splint, reinforced with iron hoops. Handy for carrying leaves, rubbish, wood, coal, etc.

1 bushel size.....Each \$1.25	2 bushel size.....Each \$2.25
$1\frac{1}{2}$ bushel size.....Each 1.75	3 bushel size.....Each 3.50



STRAWBERRY BASKETS

Useful for gathering strawberries and raspberries. One quart size. Per 100 \$1.25. Per 1000 \$11.00.

THE BALL PLANT PROTECTOR

This is a muslin-covered Plant Protector designed to meet the requirements of a rough-and-ready protector of great durability, for all kinds of plants (not seeds) after setting them outside.

These protectors have strong wooden frames, covered with good muslin, of such a shape that you can nest them one inside the other, like clay flower pots.

They have projections below the bottom which serve as anchors when pressed into the soil, thus preventing a strong wind from blowing them over. No. 1 size, 9 inches diameter, 12 inches high. Doz. \$3.50.

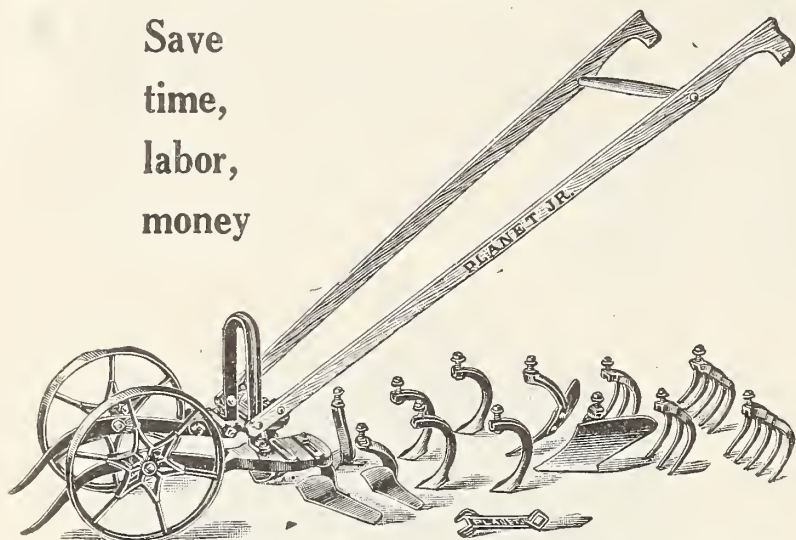




PLANET JR. TOOLS

Products of 35 years' experience by a practical farmer and manufacturer who has made a science of tool building. All guaranteed. Illustrated catalogue FREE. Prices subject to change.

Save
time,
labor,
money

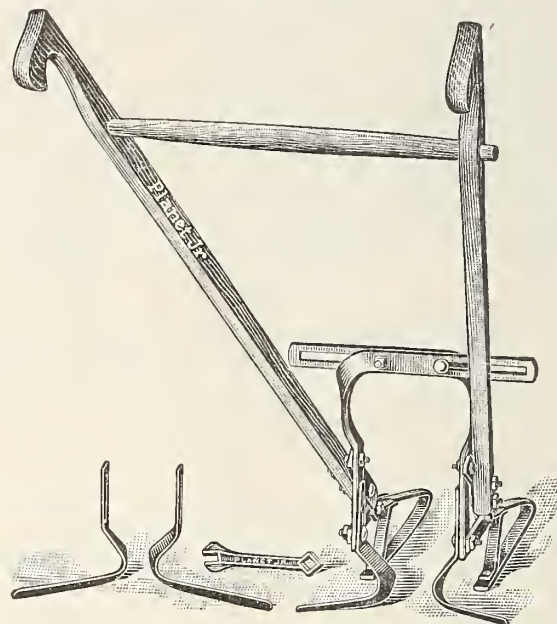


No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

Price, with attachments as in cut, \$16.00.

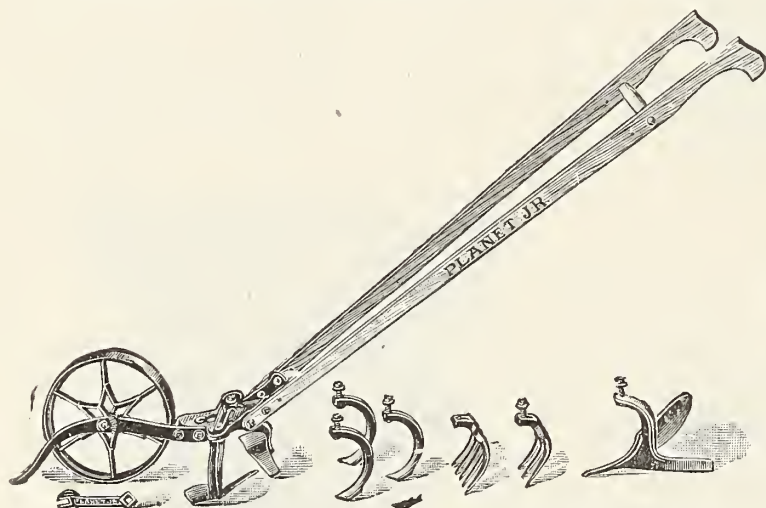
No. 12 Double Wheel Hoe, Price \$12.50

This is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pair cultivator teeth and a pair of leaf filters only.



No. 66 Planet Jr. Slide Hoe, Price \$5.50

It straddles rows and works closely both sides of the rows at once, or, by changing the hoes, will work between rows. The slides lift up the tops of onions and other plants and work beneath without bruising the plants. Particularly useful in late cultivation and harvesting.



No. 16 Planet Jr. Single Wheel Hoe

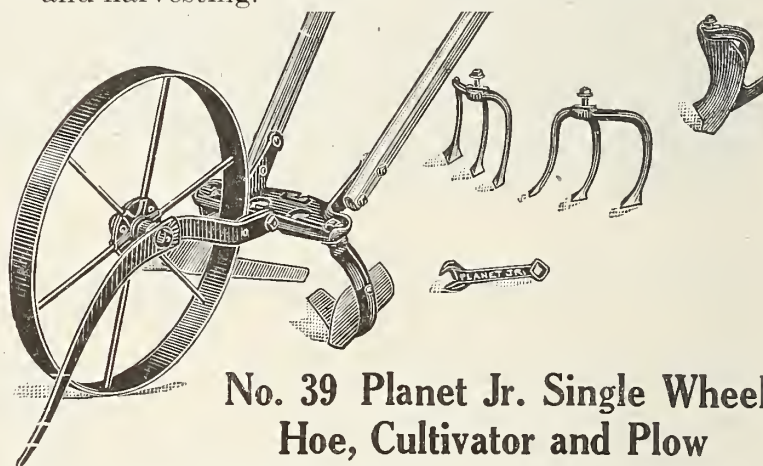
Price, with attachments shown in cut, \$10.50

No. 17 Single Wheel Hoe, Price \$8.75

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 18 Single Wheel Hoe, Price \$6.25

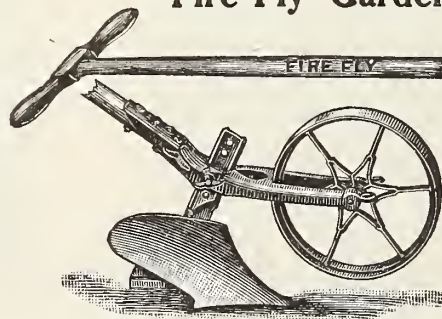
Has one pair of 6-inch hoes only—the tools that are most constantly useful. Other tools can be added as needed.



No. 39 Planet Jr. Single Wheel Hoe, Cultivator and Plow

A useful gardener's tool, with two hoes, one large plow, one pair of three-prong cultivator teeth, and leaf lifter. Price complete, \$10.50.

Fire-Fly Garden Plow



Price, \$4.00.

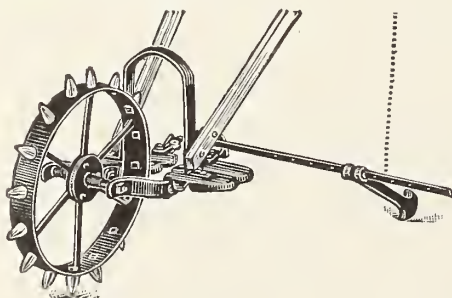
This tool will enable a busy man to do nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

Planet Jr. Spot and Drill Marker

Very useful for marking out the rows when transplanting all kinds of plants to ensure the same distance apart between the plants and rows. One Row Spot Marker for attaching to any Wheel Hoes. Price, \$4.00.

Extra Parts for Planet Jrs.

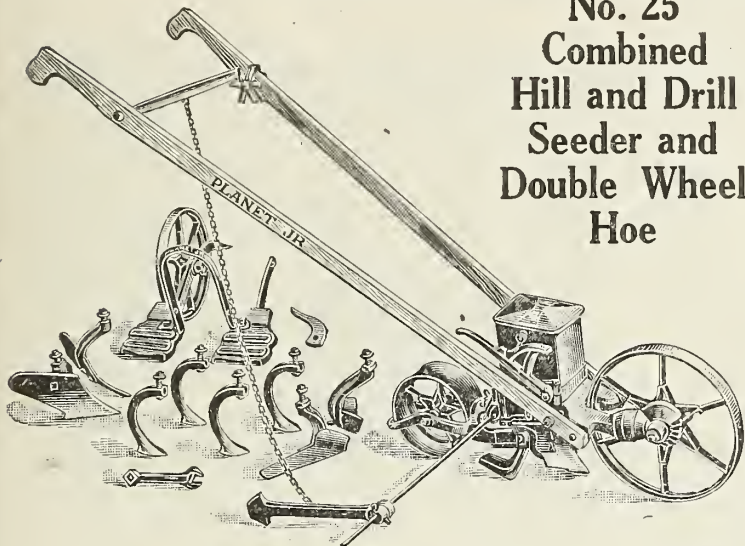
We shall be pleased to supply any parts or attachments. Always give No. of Tool or send broken part when ordering.





PLANET JR. TOOLS—Continued

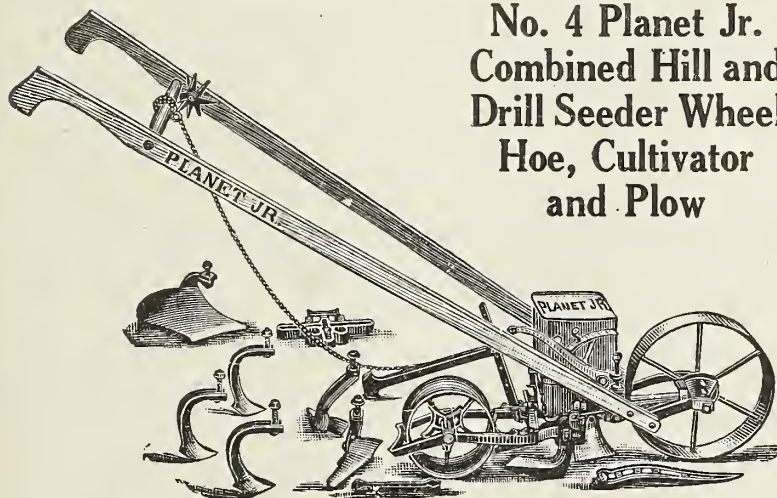
No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe



As a seeder it will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

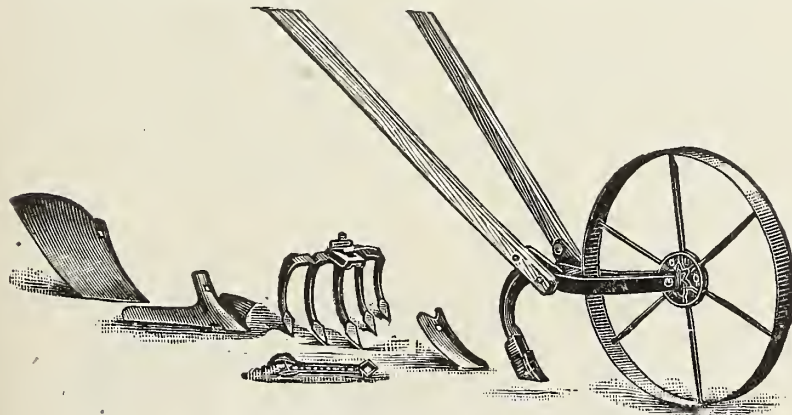
As a wheel hoe it is practically the same as the admirable Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. No. 25, complete, \$23.00

No. 4 Planet Jr. Combined Hill and Drill Seeder Wheel Hoe, Cultivator and Plow



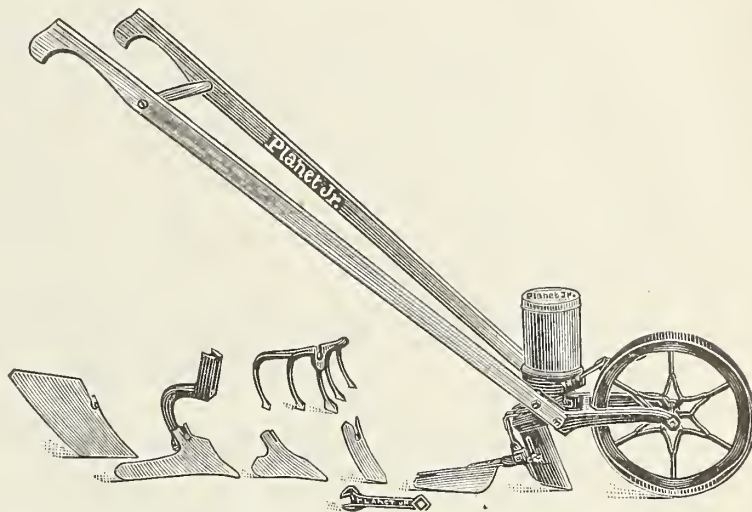
No. 4 complete.....\$19.50
No. 4D, as a Seeder only..... 15.50

Does the work of almost all garden tools combined. It sows accurately all garden seeds in drills or in hills 4, 6, 8, 12 or 24 inches apart, cultivates, furrows and plows.



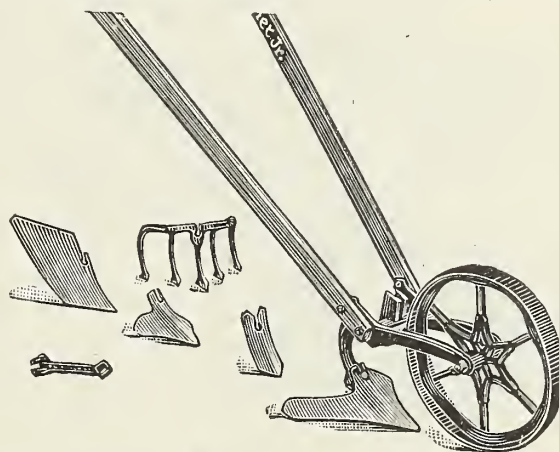
No. 19 Farmer's Single Wheel Hoe, Cultivator and Plow

A cheap and efficient garden tool, consisting of one plow, one 10 in. sweep, one 5 in. sweep, one 2-in. cultivator, and one 4-in. cultivator. Price, complete, \$6.25.



No. 31 Planet Jr. Combined Seeder and Wheel Hoe

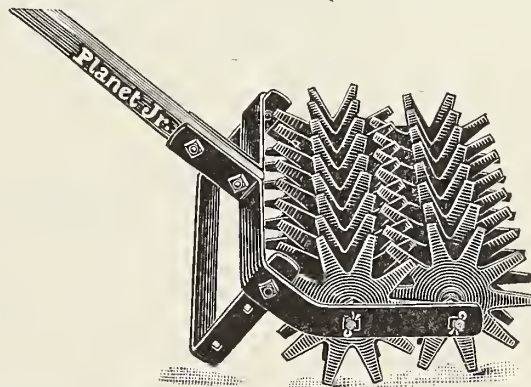
It combines a thoroughly reliable Seeder that will sow all garden seeds from the smallest up to peas and beans, with a first-class light running Wheel Hoe. No. 31 Complete Seeder and Wheel Hoe....\$13.00
No. 31D As a Seeder only..... 10.50



No. 33 As a Wheel only.....\$5.50

No. 104 Horse Hoe and Cultivator

Equipment: Five 3-in. Steels, 1 pair 6 in. turning shovels, one 7-in. shovel steel and lever wheel. Price, \$14.75.



Planet Jr. Star Pulverizer, Leveler and Weeder

This new tool is especially adapted for preparing the seed bed, and will be found of great value in smoothing and fining the soil surface. The rear blade is 13½ inches wide. After the crops are started, it may be used between rows as a weeder or as a crust breaker. Price, \$6.50.



COLDWELL'S LAWN MOWERS

IMPERIAL HIGH WHEEL MOWER

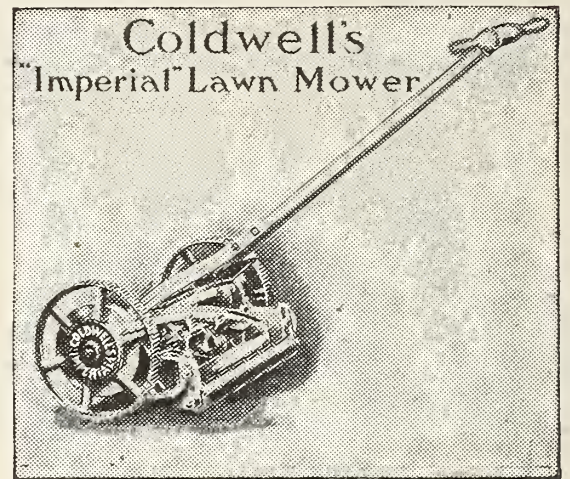
The Imperial is one of our best mowers. It can be sharpened in a few minutes without removing any of its parts. We positively guarantee this mower to give entire satisfaction.

Net Price: 14 in., 4 blades....	\$14.00;	5 blades....	\$14.50
Net Price: 16 in., 4 blades....	15.00;	5 blades....	15.50
Net Price: 18 in., 4 blades....	16.00;	5 blades....	16.50
Net Price: 20 in., 4 blades....	17.00;	5 blades....	17.50

"THE RAJAH" BALL-BEARING LAWN MOWER

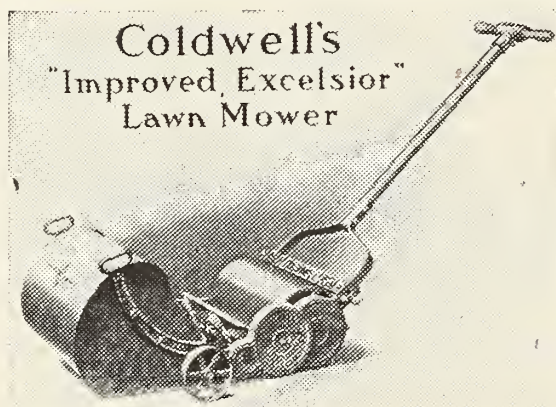
The "Rajah" is the best Ball Bearing Mower on the market. It has 10-inch drive wheels; five blades in the revolving cutter, which is of large diameter, thus enabling it to cut high grass. The adjustment of this machine is accomplished by means of a single screw conveniently located in the end of revolving cutter. This one screw does it all.

Net Price, 14 inches.....	\$14.50	Net Price, 18 inches.....	\$16.00
Net Price, 16 inches.....	15.00	Net Price, 20 inches.....	17.00



IMPROVED EXCELSIOR MOWER

This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work.



Net Price: 12 in., 6 blades.....	\$18.00
Net Price: 14 in., 6 blades.....	20.00
Net Price: 16 in., 6 blades.....	22.50
Net Price: 18 in., 6 blades.....	24.50

CHAIN ROLLER GOLF MOWER

Net Price: 12 in., 6 blades.....	\$17.50
Net Price: 14 in., 6 blades.....	19.00
Net Price: 16 in., 6 blades.....	21.00
Net Price: 18 in., 6 blades.....	24.00

"THE REGAL" BALL-BEARING LAWN MOWER

The drive wheels of the Regal are locked fast to the opposite ends of a steel shaft which is supported near its ends by ball bearings. The ball bearings are fitted with adjustable cones, by means of which the wheels can always be made to run true, no matter how much the machine is worn.

Net prices, 14 in., 5 blades, \$16.50; 16 in., \$18.00; 18 in., \$19.50; 20 in., \$21.00.

COLDWELL'S UNIVERSAL HORSE LAWN MOWER

It has side draft attachment to enable the horse to walk on the cut only. We secure evenness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

Net Prices:

30 in., 4 blades.....	\$100.00
30 in., 6 blades.....	110.00
35 in., 4 blades.....	125.00
35 in., 6 blades.....	135.00
40 in., 4 blades.....	160.00
40 in., 6 blades.....	170.00

COLDWELL'S DEMOUNTABLE HORSE LAWN MOWER

The Demountable Cutter Unit Horse Mower is constructed upon an entirely new principle and is a wide departure from anything of the kind ever made. The cutter section, which is the vital part of a lawn mower, is made into a unit and is independent and removable from the main frame of the mower. This unit consists of a simple frame containing the revolving cutter, the bottom or stationary knife and parts necessary for adjusting the same to each other. It is attached to the main frame of the mower by four locking screws and can be attached or removed in less than a minute.

This unit, being the cutter section of the mower, is the only part necessary to send in to the factory for sharpening or adjusting.

Net Prices: 6 blades, 30 in., \$175.00; 35 in., \$210.00; 40 in., \$250.00.

These prices include an extra cutting unit.

GRASS CATCHERS

Net Prices: 12 in., \$2.25; 14 in., \$2.50; 16 in., \$2.75; 18 in., \$3.00; 20 in., \$3.50.



TOWNSEND'S LAWN MOWERS

THE "TOWNSEND" HORSE LAWN MOWER

The most perfectly constructed Horse Lawn Mower on the market. Triple rolls with triple pawls in each roll. Unlike other mowers the motion of the blades is maintained even when turning sharp corners. The height of cut and motion of knives is under perfect control of the driver from his seat, and the large rolls (15 inches in diameter) insure great power and ease of movement.

Pony Mower, 25-inch cut.....Net, \$75.00

Horse Mower, 35-inch cut.....Net, \$110.00

Horse Mower, 30-inch cut.....Net, 100.00

Horse Mower, 38-inch cut.....Net, 120.00

TOWNSEND'S TRIPLEX HORSE LAWN MOWER

The Triplex Mower consists of three mowers yoked together, two abreast in front, and one in the rear, thus cutting a swath 86 inches wide.

One man and one horse, with a Triplex, will cut more grass in a day than with three ordinary horse mowers. Ask for catalogue with full particulars. Price \$300.00 net. F. O. B. Orange, N. J.

"VICTORY" BALL-BEARING LAWN MOWER

This Mower is fitted with **Ball-Bearings**. The gear is entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them. The cutter bar is easily removed for sharpening without disturbing the frame. The knives cut the instant the mower is moved.

Net Prices:

14 in.....\$15.50

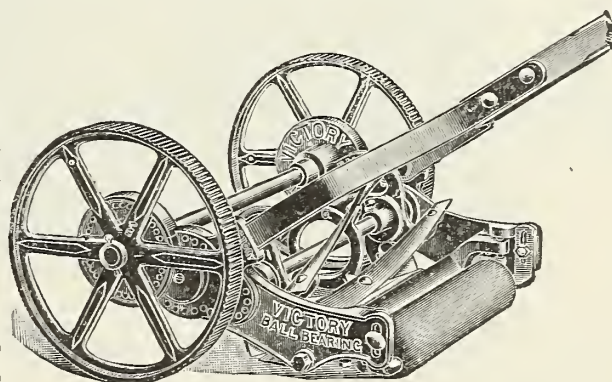
20 in.....\$18.50

16 in.....16.50

22 in.....19.50

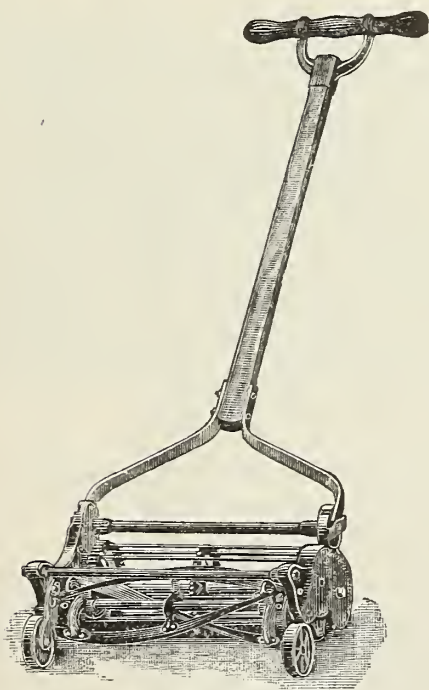
18 in.....17.50

24 in.....20.50



TOWNSEND'S GOLF WONDER MOWER

Especially designed for cutting Putting Greens and fine Lawns. Runs very easy, due to high speed; has gear drive and six blade knife reel. 16 in. \$25.00; 18 in. \$27.00; 20 in. \$29.00. Grass Catcher, complete with elevator and deflector, \$6.50.



"Easy" Lawn Mower

PENNSYLVANIA LAWN MOWERS

High wheel, 10½-inch diameter.

15 in., 4 blades.....\$26.00

19 in., 4 blades.....\$30.00

17 in., 4 blades.....28.00

21 in., 4 blades.....32.00

PENNSYLVANIA PUTTING GREEN ROLLER MOWER

Has 6 blades, 7 in. iron rollers, all highly finished. 14 in., \$26.00, 16 in., \$28.00, 18 in., \$30.00.

"EASY" BORDER LAWN MOWER

The only Mower made that will cut borders, mounds, terraces, close to walls and fences, and all kinds of uneven surfaces with the same ease and efficiency as the smoothest lawn.

It has a steel open roller, four spiral blades, self adjusting ball bearings with detachable handle.

Net Prices:

10 in.....\$13.00

14 in.....\$17.00

18 in.....\$21.00

12 in.....15.00

16 in.....19.00

20 in.....23.00

"OAK LEAF" HIGH WHEEL BALL BEARING LAWN MOWER

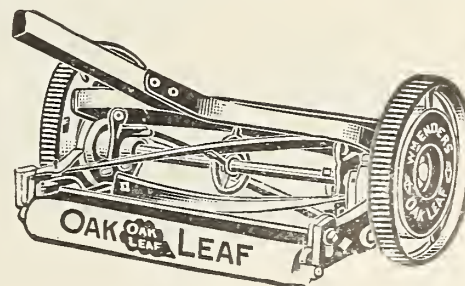
This machine has 10 in. drive wheels, four blade revolving cutter direct gearing with pawls on each side. We recommend this as a first-class Lawn Mower for the cheaper price.

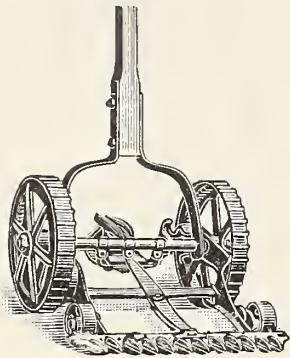
14 in.....\$11.50

16 in.....\$12.00

18 in.....\$12.50

Prices of all Lawn Mowers are subject to change.



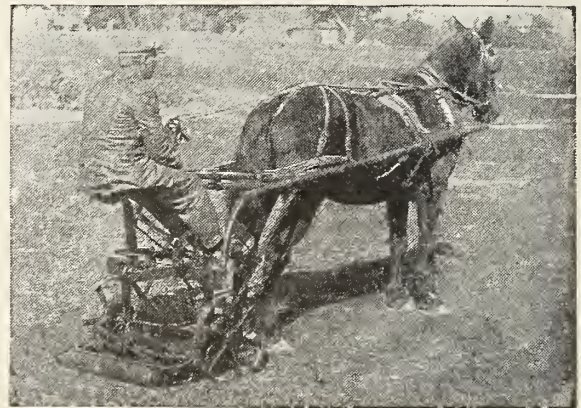
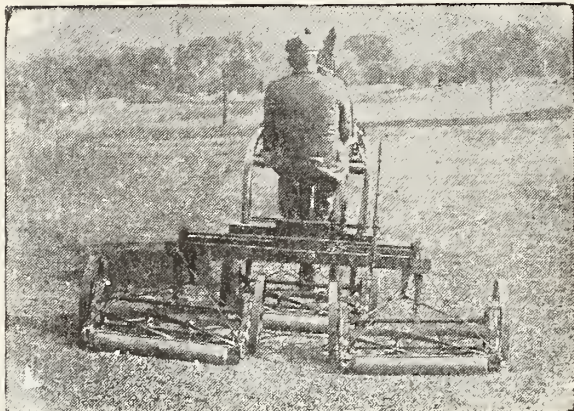


THE "CLIPPER" MOWER

The cut shows a perspective view of the "Clipper" Mower. In the first place you will observe the cutter bar is directly in front of the wheels. The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other Lawn Mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the grass.

Net Prices: 15 inches, \$9.50; 18 inches, \$10.00; 21 inches, \$11.00.

THE SHAWNEE TRIPLE "SULKY" MOWER



The Shawnee Mower combines the work of three mowers in one, cutting seven feet wide or as a sulky only 30 inches. The spring arrangements permits it to cut long or rough grass any desired length. Descriptive circular sent on request.

Price net: \$300.00. Extra unit \$75.00.

COLDWELL'S COMBINATION ROLLER AND MOTOR LAWN MOWER

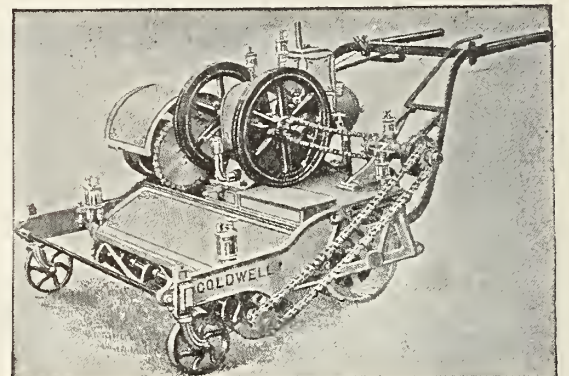
Simplicity more than anything else, has been sought in these models. Mechanical experience is not necessary to operate them and they can be cared for by anyone.

In using these machines you simply have to guide the mower negotiating any grade that a horse mower can be used on, and running a keen 30 inch or 35 inch cutter over 6 or 8 acres per day. Model "H" weighs 900 pounds. Model "G" (same type), 35-inch cut, weighs 1000 lbs.

The operating handles are also used for raising and lowering the cutter unit over obstacles.

Model G, \$400.00. F. O. B. Newburgh, N. Y.

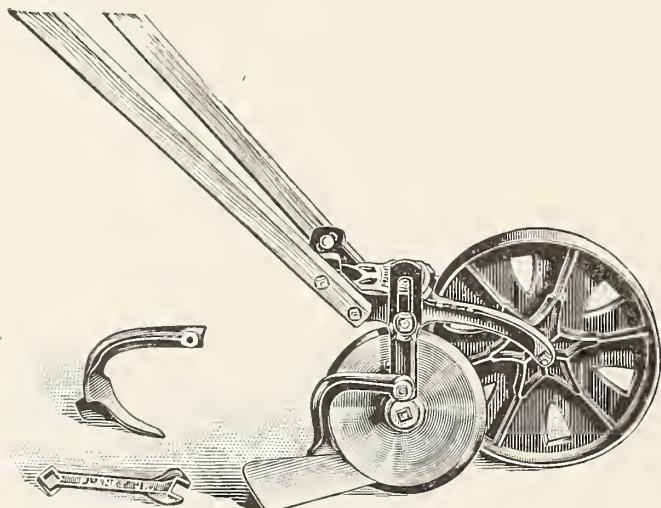
Model H, 350.00. F. O. B. Newburgh, N. Y.



THE COLDWELL MOTOR LAWN MOWER

Weight, 2000 pounds. Equipped with 2-cylinder, 4-cycle, latest improved automobile motor. Consumes three-quarters of a gallon of gasoline per hour; cuts 40-inch swath. Guaranteed to negotiate 25 per cent. grades. Cutting part can be lifted from the ground by means of a single lever.

Model J, \$1300.00. Net F. O. B. Factory, Newburgh, N. Y.

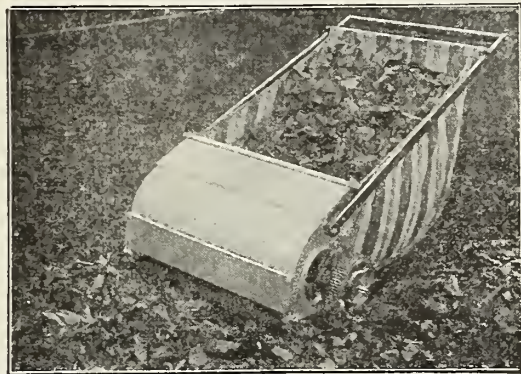


PLANET JR. GRASS EDGER

Useful for edging paths, drives, open borders or flower borders. It can be set for the wheel to run on the grass or walks. Price \$8.00.



PENNSYLVANIA ROTARY LAWN CLEANER



A revolving fan with metal teeth creates an air current which carries in to the canvas baskets all leaves, dead grass, stone, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by lawn mower. It combines strength and durability with light construction. 24 inches wide. \$25.00. 36 inches wide, \$32.00.

GRASS SOD AND CEMENT TAMPERS

Useful for tamping down grass sod and uneven spots on Lawns, Tennis Courts and Golf Grounds. Made of iron, with heavy wooden handle.

Square Pattern

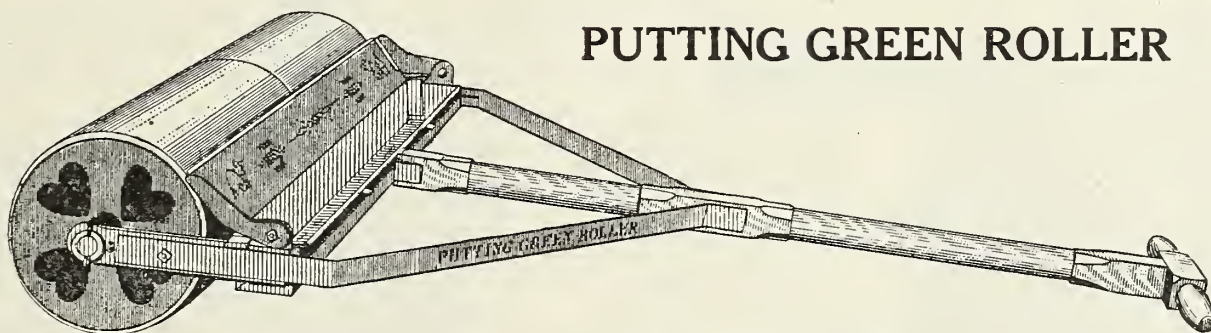
Size	Weight	Each
6 in.	12 lbs.	\$1.10
8 in.	17 lbs.	1.35.

Round Pattern

Size	Weight	Each
5 in.	15 lbs.	\$1.25
6 in.	20 lbs.	1.50



PUTTING GREEN ROLLER



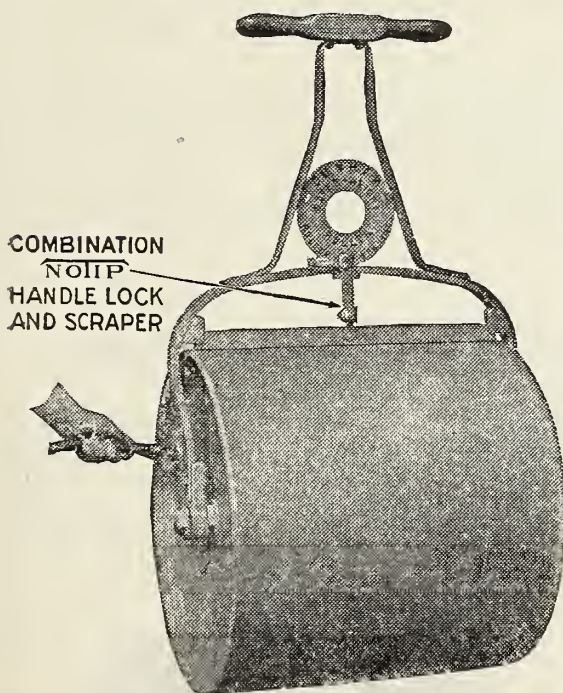
These rollers are made up in wood or cast iron in four 12-inch sections, 4 feet wide, 10 inches in diameter, and are used especially for Putting Greens or fine lawns. Each \$22.00.

WATER BALLAST ROLLER FOR LAWNS

With a Water Ballast Roller, one can secure any weight desired, by simply removing a cap and filling with as much water or sand as may be required.

The plug in the drum is coated with a non-rusting compound, so the plug is easily removed with the wrench that is furnished with all rollers. When filled with sand they weigh 50 per cent more than with water.

The "WB" type is fitted with a steel scraper, which is adjustable and can also be used to hold the handle in place when not in use.



No.	Diam. Inches	Length Inches	Sections	Weight Empty	Filled with Water	Price
WB 3	14	20	1	60 lbs.	160 lbs.	\$13.00
WB 5	18	24	1	85 lbs.	300 lbs.	15.50
WB 7	24	24	1	110 lbs.	500 lbs.	20.00
WB 9	24	32	1	130 lbs.	600 lbs.	23.00
WB 11	18	24	2	110 lbs.	300 lbs.	22.00
WB 13	24	32	2	160 lbs.	600 lbs.	29.00
WB 15	24	24	2	140 lbs.	400 lbs.	26.00

Prices subject to change.

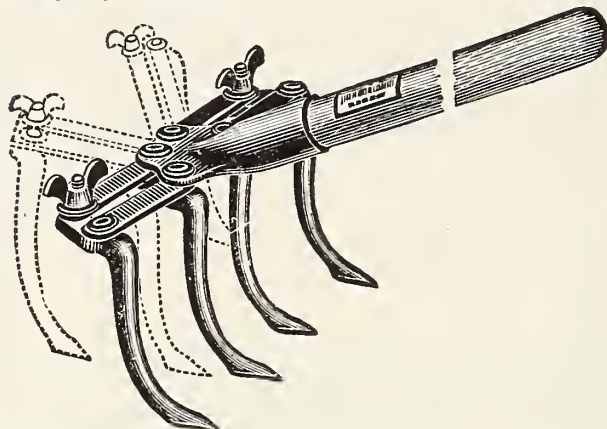
GOLD MEDAL HORSE LAWN AND GOLF GROUND ROLLERS

All steel frame and brackets, axle lathe-turned heavy machine steel. Rollers smooth face, aluminum finished and outer edges rounded.

We shall be pleased to give sizes and weights with prices on application.

PULL EASY JUNIOR CULTIVATOR

ADJUSTABLE
2" TO 6" WIDE



A very handy cultivator having four teeth which can be adjusted from 2 inches to 6 inches between with a 4-foot handle. Each 75c.

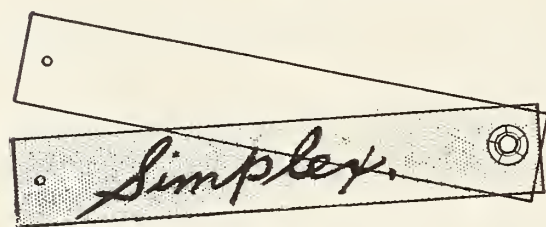
THE ALL-PROOF LABEL



Made with zinc, having a white enameled surface for the name, which is covered with a glass slide.

No. 1. For hanging 3½ in. long.....	\$0.80	\$8.50
No. 2. For pots or borders, 6 in. long..	.90	9.00
No. 3. For pots or borders, 8 in. long..	1.10	11.00

SIMPLEX WATERPROOF PLANT LABELS

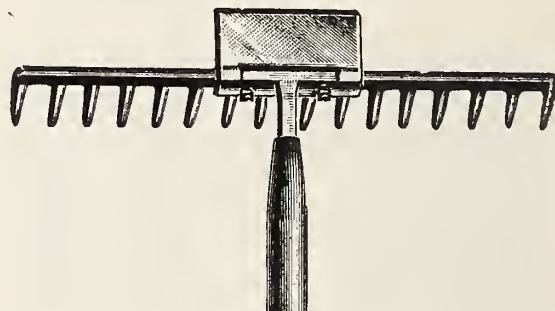


The writing is protected by the transparent cover.

	Doz.	100
No. 1. 3x1½ in.....	\$0.35	\$2.50
No. 2. 4x¾ in.....	.70	5.00
No. 3. 5x1 in.....	1.00	7.50

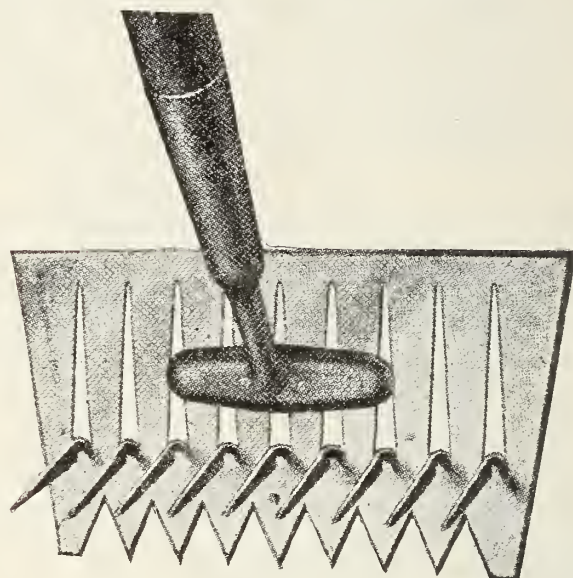
Including copper wires for attaching.

HOE-RAKE ATTACHMENT



This attachment can be fastened to any size Steel Rake and used as hoe on the back of the rake. When raking drives or walks often weeds are found, and by simply turning the rake over the Hoe Attachment can be used to great advantage in destroying them. Each 25c.

THE ROHO RAKE



A valuable garden tool for cleaning weeds from walks, drives, tennis courts, etc. It can be used as a draw hoe, or scuffle hoe and also as a rake. Light and easy to handle, made with unbreakable steel. Each \$1.00.

SIMPLEX GARDEN LABEL

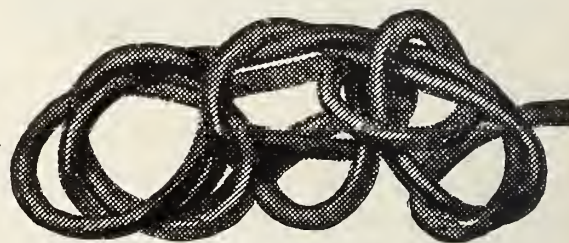
This label is used for marking plants in borders, etc. The rod is 18 in. long and the card for writing on is 1½ by 2¾ in., which is made from celluloid with a transparent cover. Doz. \$2.75, 100 \$20.00.

THE "MARSHALL" GARDEN HOSE

We have arranged with a leading maker to manufacture a special hose for garden and greenhouse work which is non-kinkable and will stand the highest water pressure.

Sample mailed on request. In 25- and 50-foot lengths only with ¾-inch connections.

"Marshall" Hose. ¾-inch, 20c. per foot; ½-inch, 18c. per foot.

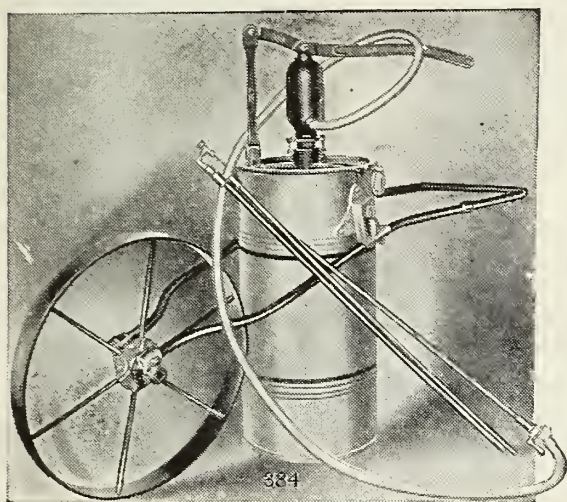


"Marshall" Hose

AUTO-SPRAY PUMPS

No other style of Sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs, and vines, greenhouses, poultry houses, hospitals, and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

It may be used where any buckets or knapsack Sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power Sprayers need the "Auto-Spray" No. 1 for small work.



Auto Spray No. 40 C.

No. 1. A. Brass Tank, with Stop-Cock.....	\$11.50
No. 1. B. Brass Tank, with "Auto-Pop".....	12.00
No. 1. C. Galvanized Tank, with Stop-Cock.....	7.50
No. 1. D. Galvanized Tank, with "Auto-Pop".....	8.00
"Auto-Pop" Nozzle, with hose and connections.....	2.50
"Auto-Pop" Nozzle.....	2.00
Extension Pipe, Brass, 2 ft. lengths, each.....	.70
Elbow extension, solid brass..	.35
Brass Strainer.....	1.50

Auto Spray No. 40 C. Compressed air, heavy brass tank, capacity 12 gallons, 8 ft. hose, 8 ft. extension pipe and "Vermorel" nozzle. Mounted on 20 in. wheel truck. A very complete spraying outfit. Price, \$33.00.



"POMONA" BARREL SPRAY PUMP

Very Powerful and Large Capacity—All Working Parts Bronze.

The best orchard barrel Sprayer. It is unusually powerful and of large capacity, fully capable of supplying four leads of hose and eight nozzles. There is nothing about the Sprayer to get out of order, and with ordinary care it will last a lifetime.

Pump, with Agitator and Hose Coupling.....\$24.00

Outfit C. Pump with Agitator, one lead 15 ft., Discharge Hose and Nozzle..... 32.00

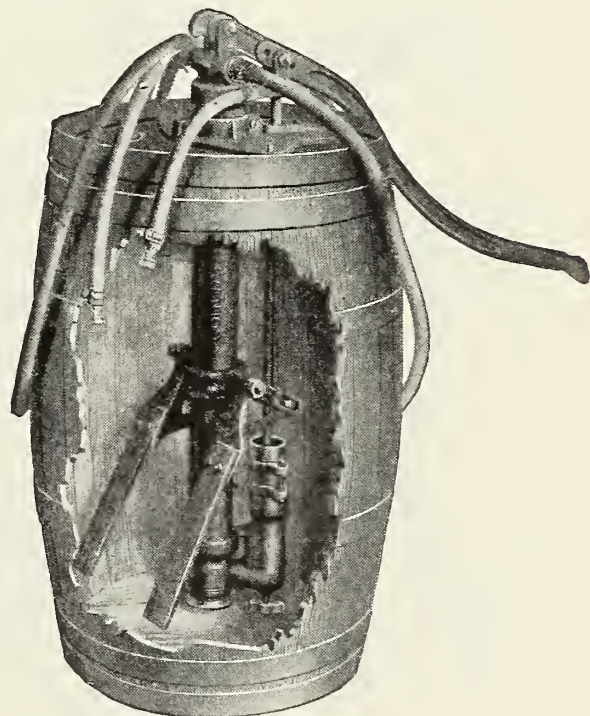
Outfit D. Pump with Agitator, two leads, 15 ft. each, Hose and two Spray Nozzles..... 37.00

Barrel furnished for above..... 6.00

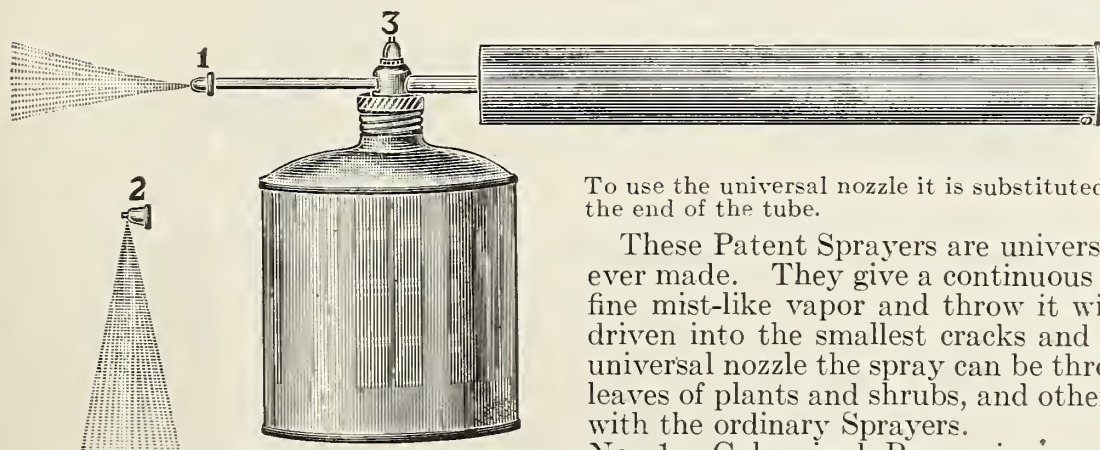
Bamboo Extension, 10 ft. long. A metal tube inserted in a bamboo rod. Fitted with brass stop-cock and 1/4-inch threads.. 5.25

Barrel Cart. Designed for mounting the above Sprayers
Iron Wheels with wide tires. With barrel for pump..... 30.00

Without barrel..... 25.00



COMPRESSED AIR SPRAYERS

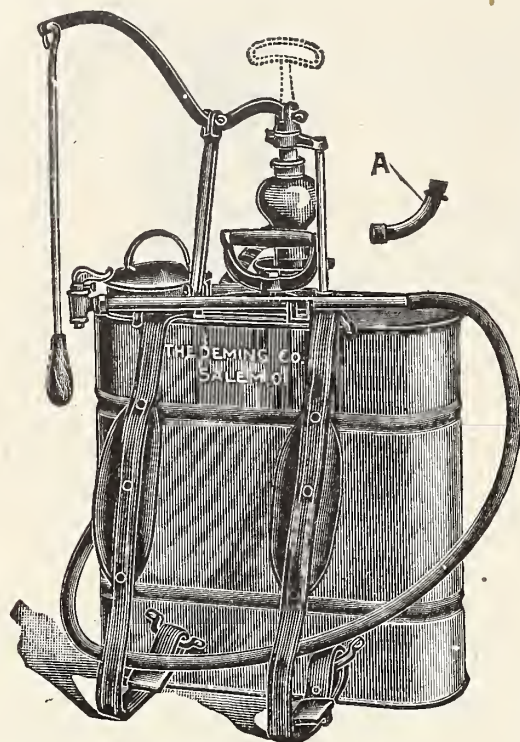


To use the universal nozzle it is substituted for the straight nozzle No. 1 on the end of the tube.

These Patent Sprayers are universally conceded to be the best ever made. They give a continuous spray, reduce the liquid to a fine mist-like vapor and throw it with great force, so that it is driven into the smallest cracks and crevices. By means of the universal nozzle the spray can be thrown on the under side of the leaves of plants and shrubs, and other difficult places inaccessible with the ordinary Sprayers.

No. 1. Galvanized Reservoir.....	\$1.25
No. 2 Brass Pump and Reservoir.....	2.25

Prices of Sprayers are subject to change.

**"Success" Sprayer**

Pump is fitted with bronze valves and mechanical agitator. The attachment A, is used for underspraying.....Price \$25.00

"KANT-KLOG" SPRAYER

The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome shaped; joined to body under heavy pressure, making a complete double seam.

Each Sprayer is fitted with "KANT-KLOG" nozzle for making two round and one flat spray, two solid streams; thumb pressure Spring Hose-Cock, carrier strap and safety valve.

Galvanized Steel Body.....\$7.25
Polished Brass Body.....10.50
Brass Extension Rods, 3 ft., each......70

**"SUCCESS" SPRAYER**

This Sprayer is undoubtedly the best and most improved on the market. The tank holds 5 gallons and is made of copper throughout.

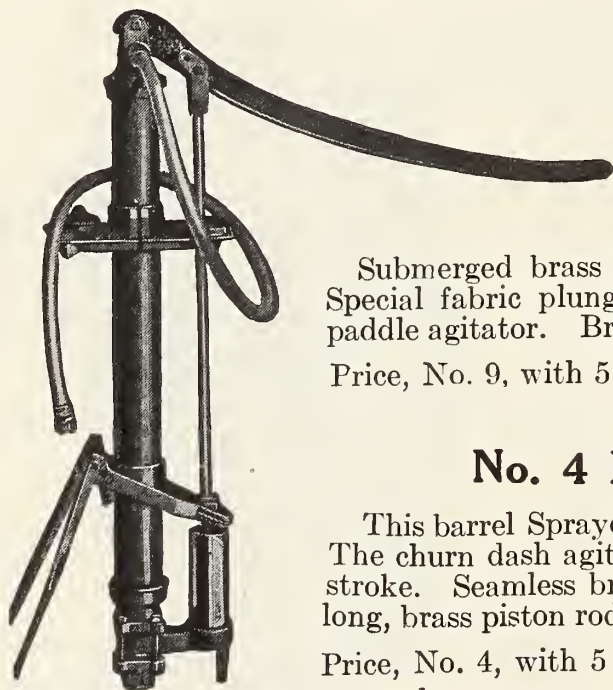
PRIZE BARREL SPRAYER

This No. 9 needs no further recommendation than it received when at the National Horticultural Contests—it took first prize over six other pumps.

Adjustable plates permit mounting on end or side of either large or small barrels without extra parts or any change whatever.

Submerged brass cylinder $2\frac{1}{2}$ inch in diameter. Brass valves, cage and seat. Special fabric plunger. Air chamber $2\frac{3}{4}$ in. wrought iron 32 in. long. Double paddle agitator. Brass strainer on intake pipe.

Price, No. 9, with 5 ft. hose and "KANT-KLOG" nozzle.....\$18.50

**No. 9 Barrel Sprayer****No. 4 ROCHESTER BARREL SPRAYER**

This barrel Sprayer can be mounted on either end or side of an ordinary barrel. The churn dash agitator attached to piston thoroughly mixes the solution at every stroke. Seamless brass cylinder two and one-half inches in diameter, seven inches long, brass piston rod.

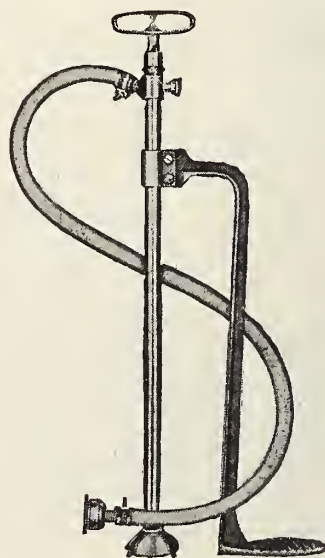
Price, No. 4, with 5 ft. hose, 5 ft. extension pipe and one "KANT-KLOG" nozzle.....\$16.00

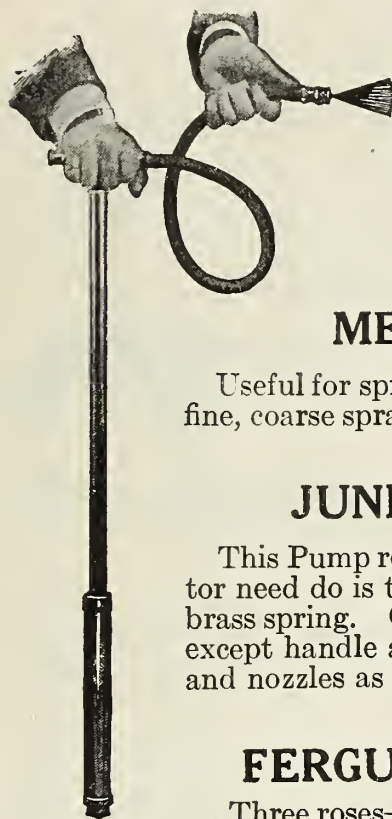
MICRO HAND POWDER DUSTER

For dusting Powder Insecticides on Vegetables, Flowers, Trees, etc.
Each \$3.00.

AUTO-SPRAY No. 6

This Pump sprays perfectly on the up and down strokes. The parts are all made with brass and a malleable iron foot rest. Three feet of hose, one solid stream nozzle, and one for a fine mist spray with screen to prevent clogging. Each \$5.50.

**Auto-Spray No. 6**

**BRASS BUCKET SPRAYERS**

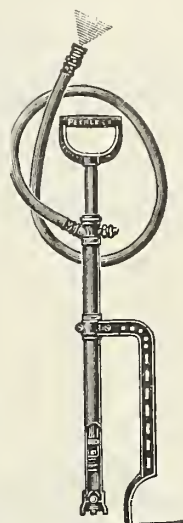
This Spray Pump is especially designed for spraying in gardens and greenhouses. The Pump is double acting in effect, has gutta percha ball valves. Foot piece is malleable iron. The pump end of discharge hose is wire wound. Each \$6.00.

MEYER'S BUCKET PUMP

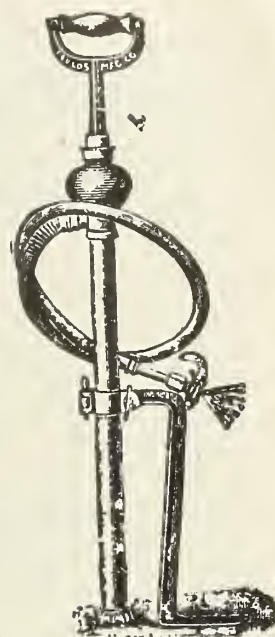
Useful for spraying trees, etc. Complete, with combination fine, coarse spray and solid stream nozzle, with agitator, \$5.50.

JUNIOR NO. 5 SPRAY PUMP

This Pump requires no fastening of any kind. All the operator need do is to press the plunger down. It rises itself by a brass spring. Can be used in a pail, tank or barrel. All parts except handle and hose are solid brass. Complete with hose and nozzles as shown in cut, each \$4.25.



Meyer's Pump



Brass Bucket Pump

FERGUSON'S COMBINATION SPRAYER AND SYRINGE

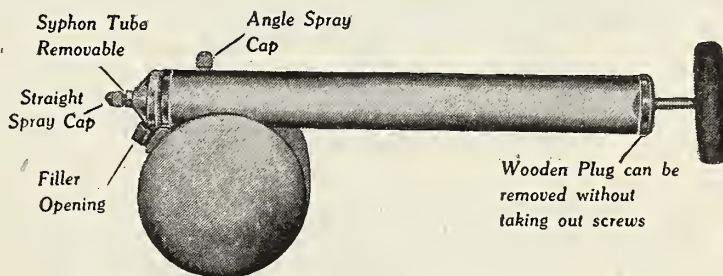
Junior No. 5 Pump

Three roses—fine, medium and coarse. Recommended for syringing under the foliage of plants where force is needed to keep down red spider, etc. Made of brass and screwed on the end of any hose. \$4.00.

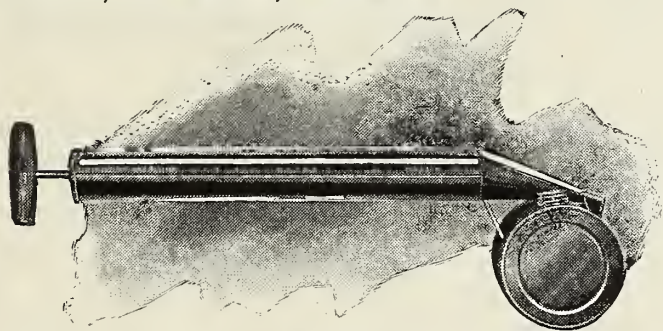
**AUTO SPRAY NO. 25**

The Auto-Spray No. 25 operates continuously on both the up and down stroke and throws a fine, misty spray.

Two spray caps, one straight and one at an angle for under the leaves. Capacity, 8 quarts. No. 25 B, Galvanized tank, each \$1.25. No. 25 C, Brass tank, each \$1.50.



Auto Spray No. 25



Auto Spray No. 22

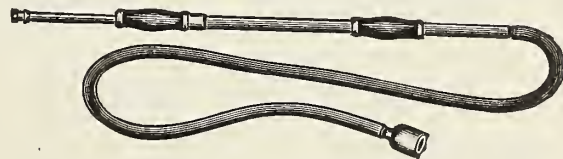
AUTO SPRAY No. 22 A

A single acting hand Atomizer. Made from good heavy material. Capacity one quart. Pump cylinder 14 in. by 1 3/4 in. Length 22 in. Each 50c.

AUTO SPRAY NO. 5

This Pump is made entirely of brass, is double acting and will generate a pressure of 150 lbs. Furnished with 3 1/2 feet 3/8 in. hose. Can be used in any pail or container. Each \$5.50.

Brass extension rods, each 70c.



Auto Spray No. 5

INSECTICIDES TO USE FOR INSECTS AND FUNGUS DISEASES

Insects that suck the juices from Plants and Foliage. In powder form use Slug Shot, Hellebore or Tobacco Dust. In liquid form for spraying use Aphine, Kerosene Miscible Oil, Nikoteen, Lemon Oil or Whale Oil Soap.

Insects that eat the Plants or Foliage. In powder form use Slug Shot, or Arsenate of Lead Powder. In liquid form use Aphine, Arsenate of Lead, Nikoteen, Paris Green, or Whale Oil Soap.

Scale on Hard Wood Trees. Spray with Scale Killer, Scalecide or Lime Sulphur.

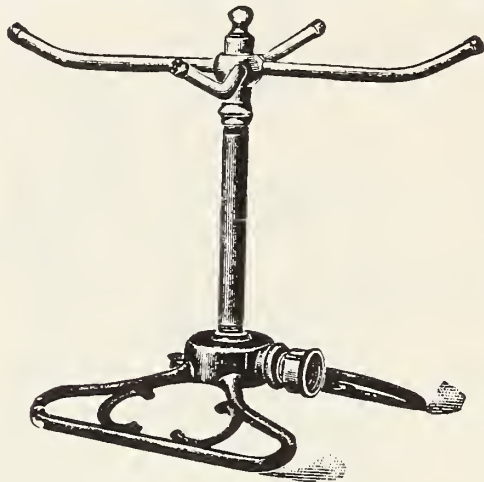
Fungus Diseases. Spray with Bordeaux. Fungine or Pyrox. Dust with Bordeaux or Grape Dust.

Underground Insects. Cut Worm Killer, Tobacco Dust or Vermine.



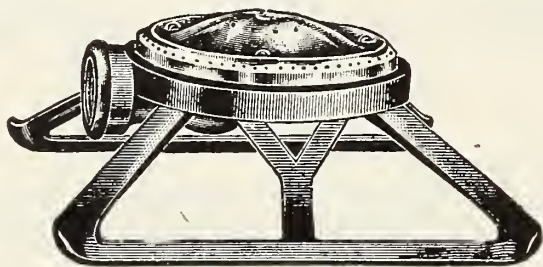
LAWN SPRINKLERS

CALIFORNIA SPRINKLER



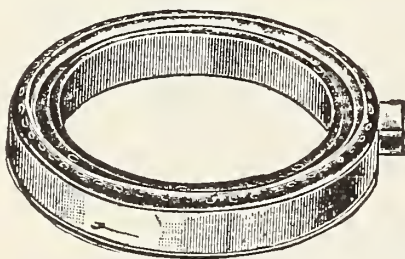
This is the most popular Sprinkler on the market. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water. Price, \$2.25 each.

TUXEDO SPRINKLER



The Tuxedo Sprinkler has a brass top, as shown in the cut, firmly screwed down on to an iron sled, the base of which is 7¼ by 7¼ inches. It throws the water in a copious spray, well distributed. Price, \$1.25 each.

BRASS FOUNTAIN SPRINKLER



Very simple in construction. Cannot rust or get out of order. Will not injure the lawn. Requires only ordinary pressure of water. Price, \$1.25 each.

"WATER WITCH"

This Sprinkler works more satisfactorily with a low pressure of water than any other.

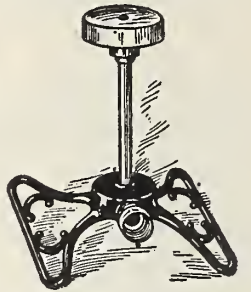
With spur to stick in the ground, 60c. each; with stand, \$1.00.

BARRIE SOAP SPRAYER

The Sprayer is attached to the faucet and the hose to the Sprayer. The bowl can be filled with soap and same will mix when the water passes through the Sprayer. Each \$4.50.

THE LAWN SHOWER SPRAYER

Will throw an even, gentle spray over 25 feet in diameter at a water pressure of about 40 pounds, the nozzle may be directly connected to hose for washing sidewalks. It makes an attractive fountain display. Holder and Nozzle complete. Price, \$2.75.



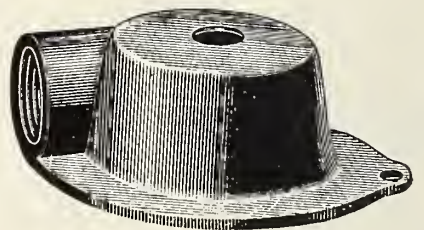
MARSHALL'S IMPROVED LAWN SPRINKLER

This is a revolving Sprinkler with four or eight arms, standing 48 inches high. It can also be supplied with a wire basket and ball, which is very effective when in use.

4 arm Sprinkler.....each, \$7.50
8 arm Sprinkler.....each, 9.00
4 arm Sprinkler with basket and ball....each, 11.00
8 arm Sprinkler with basket and ball....each, 12.00

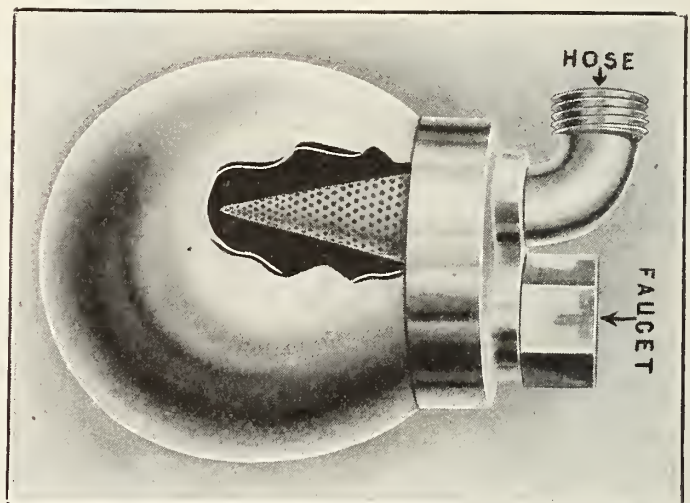
"C. B. G." SPRINKLER

The C. B. G. Sprinkler is built on the principle of the tangential spray. Simple in construction and cannot get out of order. Each, 35c.



THE "SKINNER" LAWN MIST IRRIGATOR

This consists of a length of galvanized pipe in which are fitted, about every 3 feet apart, clusters of small spray nozzles for the distribution of the water. Per 12-foot section, fitted to 4 sets of nozzles...\$12.00
Per 18-foot section, fitted to 6 sets of nozzles... 14.00



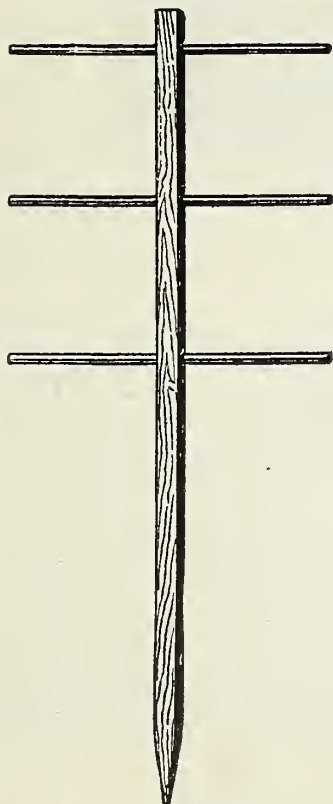
Barrie Soap Sprayer

**FAN TRELLIS**

Very popular for training pot plants for windows or conservatories.

Height	Width	Each
18 inches	6 inches.....	\$0.30
24 inches	10 inches.....	.40
30 inches	13 inches.....	.55
36 inches	16 inches.....	.90

All painted dark green.



Single Support



Fan Trellis

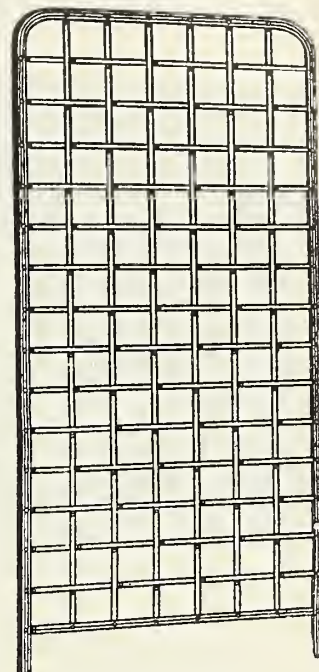
SINGLE BERRY SUPPORT

Can be used for all kinds of shrubbery. Made of 2x2-in. hardwood. Posts, 6 feet high and arms 4 feet across. Painted green. Very strong and durable. Each 50c., doz. \$5.00.

ROSE TRELLIS

Made especially for Climbing Roses and Vines. Heavy iron, painted dark green; very ornamental.

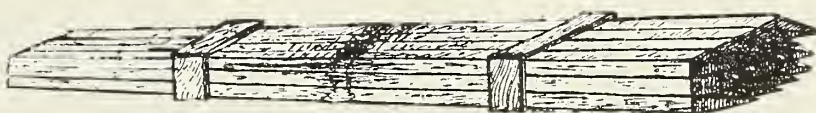
No.	Wide	High	Each
27	2 ft.	7 ft.	\$9.00
28	2 ft.	8 ft.	9.25
29	2 ft.	9 ft.	10.00
210	2 ft.	10 ft.	11.00
37	3 ft.	7 ft.	9.50
38	3 ft.	8 ft.	10.00
39	3 ft.	9 ft.	11.00
310	3 ft.	10 ft.	11.50
48	4 ft.	8 ft.	11.00
49	4 ft.	9 ft.	11.50
410	4 ft.	10 ft.	12.50



Rose Trellis

GARDEN ARCH

Made with heavy iron, painted dark green. Size: 8 ft. high, 5 ft. wide, 3½ ft. deep. Price \$20.00.

HARDWOOD BEAN POLES

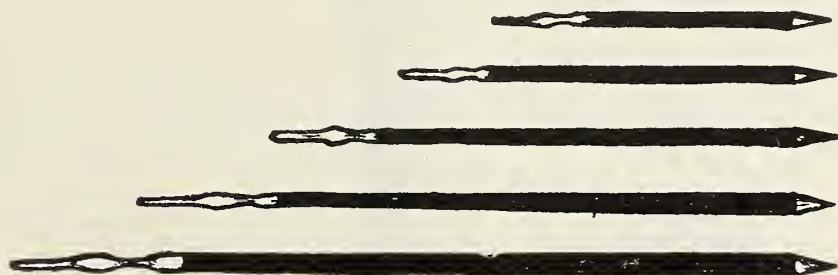
Made from wood, 8 feet long, pointed to drive in the ground; 1½ inches square and tapering to 1 inch at the top. Each 25c., doz. \$2.50.

BAMBOO CANES AND GREEN PLANT STAKES

See pages 63 and 66

TOMATO STAKES

Made with cypress, 1 inch square, 5 ft. long pointed at end. Doz. \$1.25; 100 \$10.00.

**DOUBLE GRAPE AND SHRUBBERY SUPPORT**

Made of 2x2-inch hardwood. Two posts 6 feet high and arms 4 feet across. Painted green. Ornamental and useful for any vines. Each \$1.25, doz. \$12.00.

DAHLIA STAKES OR POLES

Heavy; round green; tops painted white.

	Each	Doz.	100
2 feet.....	\$0.06	\$0.60	\$4.50
3 feet.....	.08	.90	6.50
4 feet.....	.10	1.10	8.50
5 feet.....	.12	1.35	10.50
6 feet.....	.16	1.65	12.50

PORTABLE WOOD HURDLES

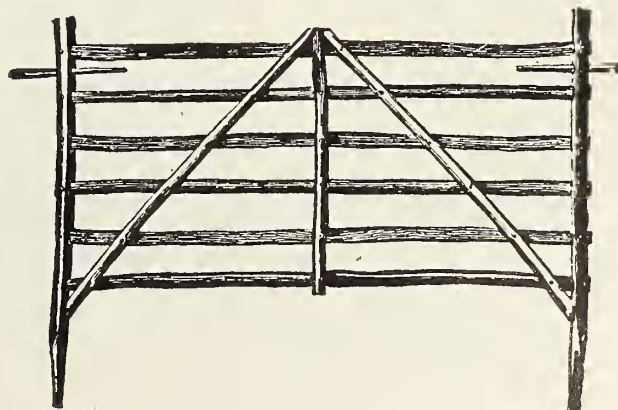
They are suitable for enclosing and dividing lots or plots to suit any requirements on a gentleman's country seat, or for farmers' use in general. They measure 8 ft. 3 in. in length.

With 4 bars, suitable for horses and cows, per 100 \$115.00.

With 5 bars, suitable for sheep, per 100, \$130.00.

4-bar Hurdle Gate, 10 ft. long, each \$3.50.

5-bar Hurdle Gate, 10 ft. long, each \$4.00.

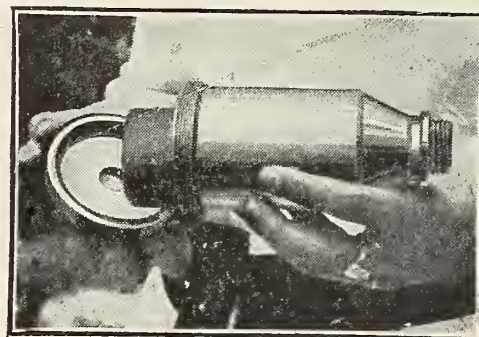




FERTILIZE WHILE WATERING, OR DESTROY INSECTS BY THE KIRKE SYSTEM



Kirke Fertilizer Feeder



Kirke Feeder

The Kirke Feeder applies the fertilizer while watering, and feeds the grass or garden with high-grade, immediately available, concentrated plant food. It is a neat device easily attached to any garden hose. It will last a lifetime, and can be used both for Kirke Fertilizer and Insecticide cartridges. The cartridges of Concentrated Fertilizer for the lawn and garden, and the Nicotine cartridges for the destruction of soft-bodied insects, dissolve in as much water as will pass through the ordinary garden hose in about five hours.

Kirke Feeder, for fertilizer and insecticide cartridges, nickel-plated, complete, each \$3.00.

Kirke Fertilizer Cartridges, in dozen and half-dozen boxes. Each 35c., $\frac{1}{2}$ doz. \$2.00, doz. \$3.60.

Kirke "Tobacco" Insecticide Cartridges, in dozen and half-dozen boxes. Each 45c., $\frac{1}{2}$ doz. \$2.35, doz. \$4.50.

Kirke Arsenate of Lead Insecticide Cartridges, in dozen and half-dozen boxes. Each 60c., $\frac{1}{2}$ doz. \$3.50, doz. \$6.50.

Kirke Bordeaux Fungicide Cartridges, in dozen and half-dozen boxes. Each 35c., $\frac{1}{2}$ doz. \$2.00, doz. \$3.60.

THE "BIG CROP" SOIL TESTER

The "Big Crop" Soil Test tells you whether or not any piece of land is in the proper condition to produce a "Big Crop." It tells in a few minutes and at the cost of two cents per field, how to insure the biggest results from lime and manure at the lowest cost. In detail will tell you:

Whether or not your soil needs lime and how much per acre.

Whether or not manure (organic matter) is needed.

Whether or not your soil needs inoculation for alfalfa, clovers, cow peas, soy beans, vetch and other legumes.

Where and where not green manuring will pay.

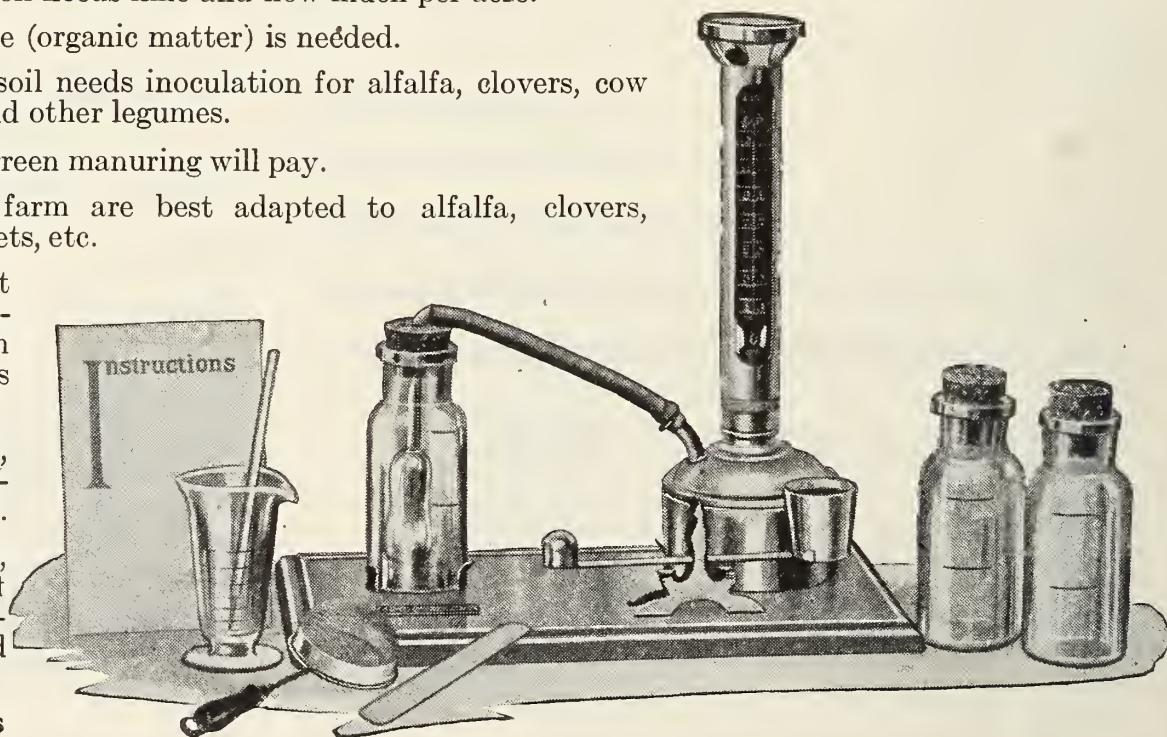
Which field of your farm are best adapted to alfalfa, clovers, grain, corn, potatoes, beets, etc.

Where and where not to apply chemical fertilizers and how to use them at the least possible loss through leaching.

How to build up worn, thin neglected soil properly and systematically.

In short it will answer, all questions as to put your land in the best condition for bigger crops and lasting soil fertility.

A test costs 2 cents and takes 2 minutes to make.



PRICE \$8.50 PER OUTFIT, COMPLETE



Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches
and all other legume crops with

Mulford Cultures

FOR LEGUMES



Uninoculated ALFALFA Inoculated
Photographed on same scale. Plant on left
not inoculated—Plant on right inoculated with
Mulford Culture for Alfalfa. All other
conditions identical.

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes or soil. Mulford Cultures are “different,” and should not be confused with other brands.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Dept. of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt “catch” and increase your yield.

Mulford Cultures are prepared for:

Alfalfa	Red Clover	Soy Beans	Sweet Peas
(Lucerne)	Alsike Clover	Peanuts	Garden Peas
Crimson Clover	Burr Clover	Vetch	Garden Beans
Sweet Clover	Cow Peas	Velvet Beans	Lima Beans

Be sure to specify the particular legume on which you desire to use the Mulford Cultures, otherwise we will not know how to fill your order.

PRICES:	5-acre Size (“A Dollar per Acre”)	\$5.00
	1-acre Size	1.50
	Garden Size ($\frac{1}{4}$ acre)	.50
	Small Size for Peas, Beans, Lima Beans, or Sweet Peas	.25

Free descriptive literature sent upon request

THE STANDARD INOCULATION

FARMOGERM

High-Bred Nitrogen-Gathering Bacteria
for Clovers, Alfalfa, Beans, and Other Legumes

To insure a stand, enrich your soil, increase the yield, always treat your Clovers, Alfalfa, Peas, Beans, Vetch, Soja Beans, Cow Peas, Field Peas, Sweet Peas and all Legumes.

Inoculation of Legume Seeds with FARMOGERM

Just moisten the seed with Farmogerm, pure cultures, allow them to dry, and plant. In order to obtain the maximum yield legume (or pod bearing) crops, seeds must be supplied with nitrogen-gathering bacteria. Farmogerm supplies these bacteria, guaranteed alive and efficient, and shipped in a form to be conveniently applied to the seeds.

Cost of	Farm size, 50 acres	\$50.00	Trial farm size, 1 acre	\$2.00
FARMOGERM	Small farm size, 5 acres	7.50	Garden size, $\frac{1}{4}$ acre	.50

In ordering, state what legume you wish to plant.

It is impossible to explain this subject fully. Write for special circular.

WEED KILLERS

HERBICIDE WEED KILLER. A liquid preparation for the killing of weeds of every kind on roadways, paths, gutters, tennis courts. One-half gal. makes 10 gals. liquid, 1 gal. \$1.75, 5 gals. \$7.00, 10 gals. \$12.50, 25 gals. \$27.50.

KEY WEED KILLER. Destroys weeds in paths, roads and gutters. Dilute one part Weed killer to 40 parts water. Does not discolor cement or stone. Qt. 60c., gal. \$1.75, 5 gals. \$7.00. Steel drums of 22 to 25 gals. each. Per gal. \$1.10.

STERLINGWORTH LAWN COMPOUND. Kills

weeds in lawns without killing the grass, and makes the lawn green and velvety.

It is a non-poisonous, dry powder which adheres to the broad, flat leaves of weeds and does not stick to the grass because of its upright growth and smooth surface. The ingredients in combination with the sun's rays burn out the weeds. It is easily applied by sprinkling over the weedy lawn. One pound will dress 100 to 200 sq. ft., depending upon the lawn's condition. 5-lb. cans 60c., 50-lb. kegs \$4.00, 100-lb. kegs \$7.50.



CONKEY'S POULTRY REMEDIES

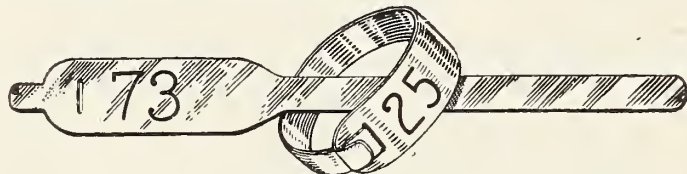
Bronchitis Remedy.....	60c.	Noxide Dip and Disinfectant. Pt. 50c., qt. 75c., 2 qts. \$1.25, gal. \$2.00.
Cholera Remedy.....	30c.	Poultry Tonic. 1½ lb. 30c., 3¼ lb. 60c., 25 lbs. \$3.00.
Gape Remedy.....	30c. and 60c.	Roup Pills. 30c. and 60c.
Head Lice Ointment.....	30c.	Roup Remedy. 30c., 50c., \$1.20.
Healing Salve.....	30c.	Poultry Worm Remedy. 30c.
Healing Powder.....	30c.	Scaly Leg Remedy. 30c.
Lice Fix.....	30c.	Sorehead Remedy. 30c.
Lice Liquid. Qt. 60c., 2 qts. 90c., gal. \$1.50.		Saltem. For Stock. 10 lbs. \$1.00, 100 lbs. \$7.00.
Lice Powder. 30 and 60c., 12 lbs. \$1.60.		Sulphur Candles. 10c.
Lice Powder. Marshall's Matchless 25c.		White Diarrhoea Remedy. 30c.
Limber Neck Remedy.....	60c.	

SPIR-OL[®] LEG BANDS



Black, White, Blue, Pink
Amber and Ruby

Made with celluloid in three sizes. 12 for 15c., 25 for 30c., 50 for 40c., 100 for 75c.



LEADER ADJUSTABLE LEG BANDS

Have a neat, compact and smooth fastening. Easily attached, secure and no catching points. Made in two sizes. 25 for 30c., 50 for 50c., 100 for 90c.

COLORED ADJUSTABLE LEG BANDS

Similar to the above only that the numbers are in distinct colors. 25 for 60c., 50 for \$1.00, 100 for \$1.75.

POULTRY SUNDRIES

- Egg Preserver. Water Glass. One quart with water for 15 doz. eggs. Qt. 40c., gal. \$1.10.
- Egg Testers. Each 25c.
- Gape Worm Extractors. Each 30c.
- Nest Eggs. Lime Eggs. Odorless, strong and durable. 3 for 10c., doz. 30c.
- Nest Eggs. Medicated. Each 5c., doz. 50c.
- Nest Eggs. Naphthaline. Each 5c., doz. 50c.
- Oat Sprouter. "The Economy." Has six galvanized trays. Each \$7.00.
- Poultry Killing Knives. Each 65c.
- Poultry Punches. Moes Clip and Punch. Each 30c.
- Poultry Shears. Nickel plated, \$3.75.
- Thermometers. Brooder. Each 90c.
- Incubator. Tycos. Each 90c.

POULTRY FOODS

- Alfalfa Meal. 5 lbs. 35c., 10 lbs. 60c., 100 lbs. \$4.00.
- Beef or Meat Scraps. Swifts. 5 lbs. 40c., 10 lbs. 80c., 100 lbs. \$6.50.
- Charcoal. Granulated. 5 lbs. 30c., 10 lbs. 50c., 100 lbs. \$4.00.
- Conkey's Buttermilk Food. Lb. 10c., 5 lbs. 40c., 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.75.
- Chick Food. 5 lbs. 35c., 10 lbs. 65c.
- Scratch Food. 5 lbs. 35c., 10 lbs. 65c. Market prices for larger quantities.
- Mico-Spar Grit. 5 lbs. 15c., 10 lbs. 20c., 50 lbs. 70c., 100 lbs. \$1.25.
- Oyster Shell. 10 lbs. 20c., 50 lbs. 70c., 100 lbs. \$1.25.

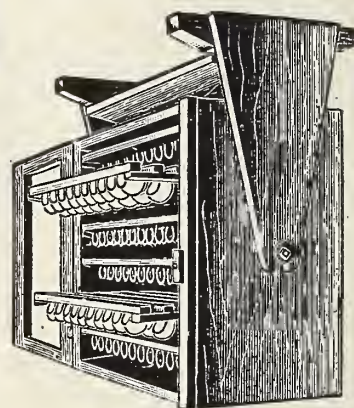
Prices are subject to market changes.

Prices of all Poultry Supplies are subject to market changes



FARMERS CAPONIZING SETS

Complete with full instructions for any one to use. \$4.00.



HOUGHTON WIRE EGG TURNER

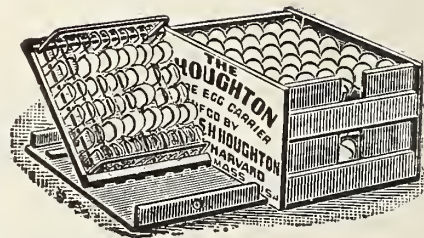
This turner is made for turning eggs used for hatching purposes. Eggs if turned every day or two will keep fertile and fresh for weeks.

- 180. Egg size..... \$4.25
- 336. Egg size..... 5.50
- 504. Egg size..... 7.00

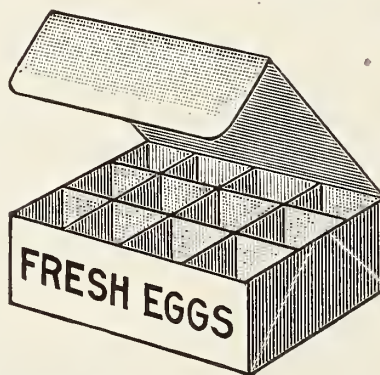
HOUGHTON WIRE EGG CARRIER

For shipments of fresh eggs these carriers cannot be excelled.

- 6 doz. egg size.. \$1.50
- 9 doz. egg size.. 1.85
- 12 doz. egg size.. 2.10
- 15 doz. egg size.. 2.50



EGG BOXES



Folding Paper Egg Boxes. 1 doz. size. Doz. 20c., 50 for 60c., 100 for \$1.00, 1000 for \$9.00.

Self Locking Egg Boxes. 1 doz. size. 25 for 60c., 100 for \$2.00, 1000 for \$17.00.

"Surety Cushion" Parcels Post Egg Box 1 doz. size. Each 15c.,

doz. \$1.50, 2 doz. size, each 25c., doz. \$2.50. Extra fillers, each 10c., doz. \$1.00.

SURETY CUSHION HATCHING

Egg Boxes. Made for shipping hatching eggs safely. 15-egg size; doz. \$2.00, 30-egg size; doz. \$3.00.

Surety Cushion Wooden Egg Crates. Easier and quicker to pack than ordinary egg crates. The trays are inverted one above the other which hold the eggs from coming in contact with each other. Two doz. size. Each \$1.25, 4 doz. size \$1.50, 6 doz. size \$1.75, 9 doz. size \$2.00. Extra fillers, doz. \$1.00.



POULTRY FOUNTAINS AND FEEDERS



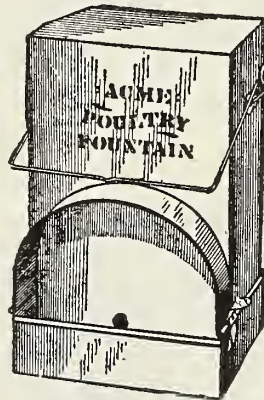
GRIT AND SHELL BOXES

This box is made of heavy galvanized iron with three compartments for grit, shells and charcoal. It is provided with lid and cover, which protects the contents and may be suspended to the wall of poultry house by the handle. Each 90c. Large size \$1.25.

ACME DROP BOTTOM FOUNTAIN

A distinct improvement over the one piece fountain. The bottom is hinged to open and can be easily cleaned.

- 2 quart size 90c.
- 4 quart size \$1.10.
- 8 quart size \$1.35.



MOE'S STAR JAR FOUNTAIN AND FEEDER



TO SNAP ON A MASON JAR

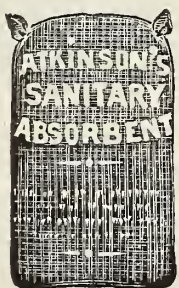
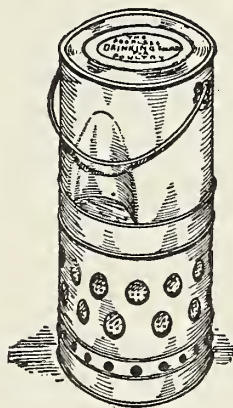
Will fit pint or quart Mason Jars. Can be used for feed or water. Each 15c., doz. \$1.50.



REPLACE BOTTOM, TURN OVER, THEN READY FOR USE

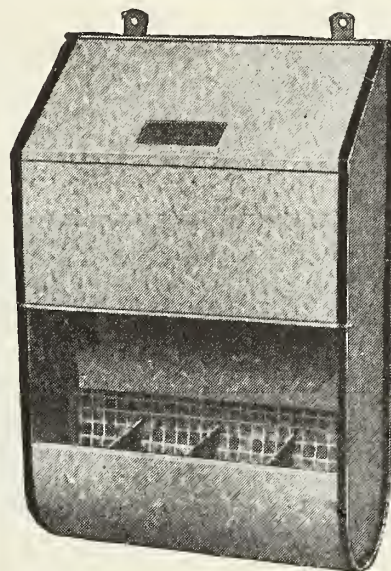
PEERLESS COMBINATION HEATER FOUNTAIN

This fountain is intended for winter use. It consists of a 5 quart fountain and a Peerless Heater to prevent the water from freezing. The lamp holds 1 pint of kerosene and will burn one week day times. Easy to care for and costs little to run. Each \$1.75.



ATKINSON'S SANITARY ABSORBENT

For Poultry Dropping Boards. Kills all hen-house disease germs, and absorbs all odors, keeping the boards sweet and clean. A concentrated product. Must be mixed with equal weight of fine sifted coal ashes. 100 lb. sack makes 200 lbs. **Health for your Flocks costs you nothing**, as the manufacturer will buy back the droppings on which the absorbent has been used, to use in making other products, according to agreement printed on shipping tags. Price 25 lb. bag \$1.25. 100 lb. bag \$4.50, F. O. B. Bogota, N. J.



OAKES ECONOMY FEED HOPPER

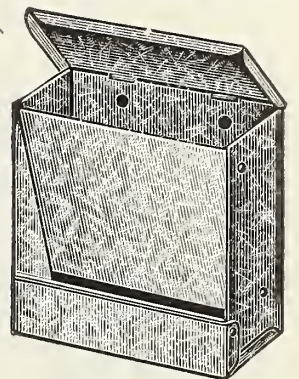
This is one of the most popular hoppers—large capacity, convenient and easily kept clean.

The slanting top prevents fowls from roosting on it. The covering in front can be closed or left open. Size 18½ ins. high by 6½ ins. wide.

- No. 1. 12 ins. long, 1 compartment \$2.25.
- No. 2. 24 ins. long, 2 compartments \$3.50.

KENTUCO CHICK FEEDER

This feeder is designed so that the feed will run out easily and keep just enough before the chicks without clogging or letting them throw it out and waste it. Size 5 in. long by 6 in. high. Each 35c.



MOE'S ROUND BABY CHICK FEEDER



SLIDING COVER MAKES FILLING EASY

A great food saver, as the little chicks cannot get into it.

- No. 11 Small size. Each 20c.
- No. 12 Small size. Each 35c.



WHEN FILLED AFFORDS PROTECTED FEEDING ACCORDING TO A NUMBER OF CHICKS

O. K. EXERCISER FEEDER

The hopper holds 12 quarts and is made with heavy galvanized steel. The rod and grain distributor are adjusted with two brass nuts. Each \$1.65.

CUPS FOR COOPS

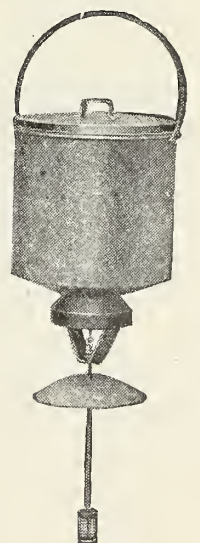
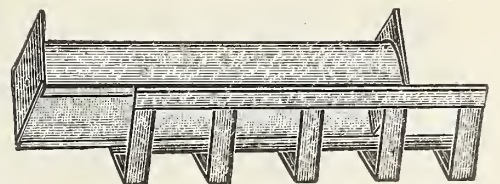
Made to hang inside exhibition coops or cages. Small size 25c. Large size 50c.

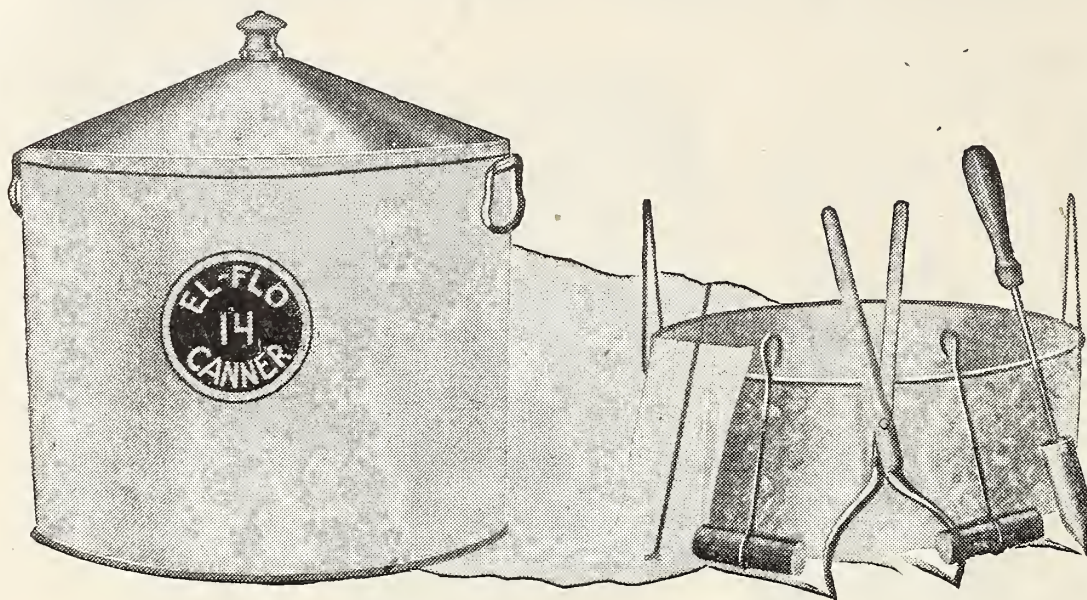
KENTUCO FOOD HOPPER

The front of this hopper is parallel with the back which prevents the bottom from being obstructed in any way. Divided into two compartments, capacity about a peck. No. 41. Each \$1.00.

KENTUCO FEED TROUGHS

The galvanized iron grid on these troughs is made to slide on and off without disturbing the contents. No. 61. 10 inches long. Each 30c. No. 62. 20 inches long. Each 60c.





**EL-FLO NO. 14.
KITCHEN CANNERY OUTFIT**

You are able to can in either glass or tin with it. Sets on your oil, gas or cook stove and requires little fuel either for canning, cooking or washing purposes. Preserves the flavor, texture, color and juices of the fruits.

The No. 14 holds 14 No. 3 cans, or 7 quart jars, at each filling, having a daily capacity from 40 to 100 quarts of average fruits and vegetables. The boiler is 14 in. wide and 12 in. high with oval shape, close fitting cover and large Combination Tray. This Outfit may be sent by Parcel Post if desired, packed for shipment weighs 11 pounds.

EL FLO, No. 14, fully complete, except Capping Steel.....\$5.50



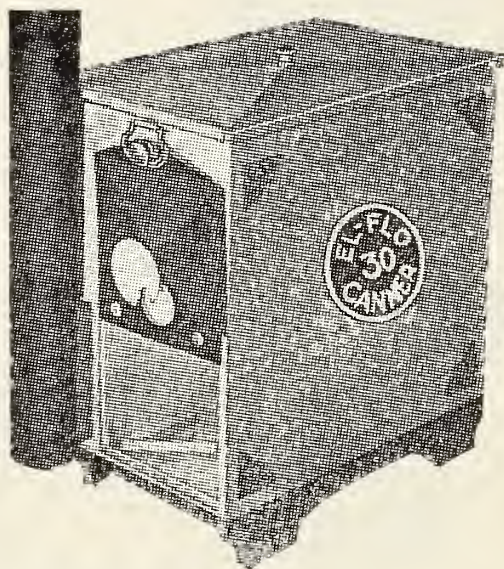
**THE "UTILITY OUTFIT" POSSESSES
SUCH ADVANTAGES**

as will make it **USEFUL** throughout the year. Therefore it is not only an investment for **CANNING**, but is adaptable to doing service and making luxuries out of many every day home drudgeries. Particularly is it of great value on "**WASH DAY**," making the laundry work easy, free from soot or rust. In cooking Stock Food, Heating Water, etc., the service is inestimable.

"Utility Outfit" No. 21, Complete, as above, weight 35 pounds. Price\$12.50
"Utility Outfit" No. 57, Complete, style as above, weight 60 lbs. Price.....\$20.00

**THE FIRE BOX IN THE
"UTILITY OUTFIT."**

is surrounded by a thin wall of water, thus making the water boil quickly and insuring that important part of the **BOILER** from bursting or burning out.



EL FLO No. 30—Large Family Size Outfit.

This is the most convenient size for general family canning in our entire line of Outfits. Too much praise cannot be given it. **EL FLO** No. 30 holds the World's Canning Record for the largest number of cans and the most efficient and economical pack. This Outfit is used largely by the United States Government Collaborators, Demonstration Agents, and the majority of Truck Farmers. No Outfit or any other article could bear higher endorsements than the **EL FLO** No. 30 does. You have the assurance that the contents of each can are processed uniformly—just right, and will remain so indefinitely.

This Outfit holds 30 No. 3 cans, or 15 quart jars, at each filling. Daily capacity of average fruits or vegetables, 400 to 600 No. 3 cans; of tomatoes, 594 quarts, or 33 bushels.

EL FLO No. 30 Outfit: Boiler 14 in. wide 23 in. high, 23 in. long; Cover, Capping Steel, Tipping Copper, Two Combination Trays, Tray Lifters, Can Tongs, Flux Cord, Elbow, Two Joints of Pipe, and Book of Instructions. Weight, 55 pounds.

Price, complete\$17.50

**EL FLO IMPROVED CONTINUOUS
HEATING AND CAPPING STEEL
Useful in Heating Tipping Steels Also**

This is the solution to your sealing problems.

Five cent's worth of gasoline will run the **EL FLO** Heater a whole day—sealing more than 1,000 cans. A blue flame plays continuously on the steel, keeping a nice uniform heat. It is light, neatly finished, compact, convenient, and never requires any "tinning" or "fluxing."

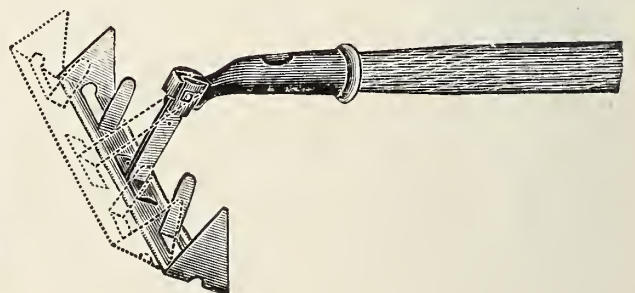
Perfectly safe, and is as simple and easily operated as a lamp. Guaranteed to give perfect satisfaction or money will be refunded. Made in all sizes, 1 and 5-8, 2 1-16 and 2 7-16 openings.

EL FLO Heater, with Capping Steel "Tinned" ..\$5.00
Plain Capping Steel, "Tinned" ..\$2.00
Wire Tipping Solder, per lb.. .75
Tipping Coppers, 1-lb. size, with handle50
Solder Hemmed Caps, per 100 .75
Prepared Salamoniac, per lb... .75
Prepared Flux, Qt. Can50
Prepared Flux, Pt. Can30
Can Tongs35



THE "PULL-EASY" ROCKER HOE

The two-edged, keen blade of this hoe cuts on both the forward and backward motion. The socket casting has side stops which limit the oscillating movement of the blade, keeping it at just the right angle under the surface to cut properly. [Made with a five inch blade and 4½ foot handle. Each \$1.00.





FERTILIZERS

BONE MEAL. Pure Bone Dust

This bone meal is made from the best quality of bone and finely pulverized. 5 lbs. 35c., 10 lbs. 60c., 50 lbs. \$2.50, 100 lbs. \$4.00, 200 lbs. \$7.50, ton, \$70.00.

BONE, CRUSHED

A coarse or medium grade, well adapted for Grape vine, Rose borders. 100 lbs. \$6.00, ton \$110.00.

BLOOD AND BONE

It is of value for garden crops, fruit trees, Grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 100 lbs. \$6.00, 200 lbs. \$11.00, ton \$100.00.

BONARBOR

This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruits and shade trees, lawn, etc. 1/2 lb. pkg. 30c., 1 lb. pkg. 55c., 5 lb. pkg. \$2.50.

CLAY'S FERTILIZER

Not procurable at present.

COW MANURE

In carload lots only, per ton \$4.50, f. o. b. Bushwick, L. I.

DRIED BLOOD

For top dressing, mixing with the soil and applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$10.00.

CHARCOAL

Useful for sweetening sour soils or mixing with potting soil. Coarse or fine. 100 lbs. \$4.25. Very coarse, per bag, \$2.00.

HUMUS, Atkinson's Prepared

Specially prepared for fertilizing potted plants, lawns, vegetable or flower gardens. It is odorless and retains the moisture in the soil and contains 1 1/2 to 2 per cent. nitrogen. 25-lb. bag \$1.75, 50-lb. bag \$2.75, 100-lb. bag \$4.25, 200 lbs. \$7.50.

HUMUS

Valuable for all garden purposes, including lawn and greenhouse plants. 5-lb. can 30c., bag \$1.75, ton \$18.00, f. o. b. Lafayette, N. J.

LAWN ENRICHER

N. A. C. brand for top dressing lawns. 5 lbs. 75c., 50 lbs. \$3.75, 100 lbs. \$6.00.

LIME, AGRICULTURAL

Useful for Lawns, Vegetables, sour land and alfalfa. 100 lbs. \$1.25, ton \$16.00.

LIMESTONE, GROUND

Per ton, \$6.00, f. o. b. factory, bags extra.

LAND PLASTER OR GYPSUM

Used for sour soils. 100 lbs. \$2.00.

NITRO-FERTILE

An odorless liquid fertilizer for potted Plants, Lawns, Flowers and Vegetable Gardens. It is a scientific combination in liquid form of Nitrogen, Phosphoric Acid and Potash. Use mixed with water, one gallon of Nitro-Fertile to 125 to 200 gallons. 1/2 pint 35c., qt. \$1.00, gal. \$3.00, 5 gals. \$14.00, 25 gals. \$60.00.

NITRACO

A universal fertilizer for gardens, greenhouse plants and vegetables. Analysis. Ammonia 4 per cent.; Phos. Acid 8 per cent.; Potash 2 per cent. 1 lb. 25c., 5 lbs. 75c., 25 lbs. \$2.50, 50 lbs. \$4.50, 100 lbs. \$7.00.

NITRATE OF SODA

It is valuable for grain, Corn, Beets, Potatoes Grasses, Peas, Beans, Clover, etc. Being extremely soluble, it should not be applied until the plants are above ground. 1 lb. 20c., 5 lbs. 75c., 10 lbs. \$1.25, 50 lbs. \$5.00, 100 lbs. \$9.00.

PULVERIZED SHEEP MANURE

A rich, pure and natural manure. Excellent as a top dressing for lawns, and mixing with the soil for greenhouse plants—one part manure and six parts soil. 5 lb. pkg. 35c., 10 lbs. 60c., 50 lbs. \$1.75, 100 lbs. \$3.00, ton \$55.00.

SALT, AGRICULTURAL

Used for top dressing Asparagus beds, etc. 100 lbs. \$2.00, 200 lbs. \$3.75.

STABLE MANURE

Well rotted, ready for use. Carload lots only, per ton \$3.75, f. o. b. Bushwick, L. I.

SOOT, IMPORTED SCOTCH

A fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. Bag of 100 lbs. \$5.00.

THOMPSON'S CHRYSANTHEMUM MANURE

A special top dressing of unusual merit. 28 lbs. \$4.50, 56 lbs. \$8.00, 112 lbs. \$15.50.

THOMPSON'S VINE AND PLANT MANURE

A well-known English fertilizer. 56 lbs. \$4.50, 112 lbs. \$8.00.

WOOD ASHES, UNLEACHED

For lawns, gardens and fruits, Hardwood ashes are unequaled. 100 lbs. \$2.00, ton \$25.00.

BOWKER'S FERTILIZERS

GENERAL CROP MANURE

Suitable for vegetables, Potatoes and general crops. 4-9-1 200 lbs. \$9.00, ton \$76.00.

FARM AND GARDEN PHOSPHATE

For general field and garden crops. 2-9-1. 200 lbs. \$6.00, ton \$55.00.

SOLUBLE PHOSPHATE

For Farm Crops. 0-14-0. 200 lbs. \$3.50, ton \$30.00.

SUPERPHOSPHATE With Ammonia 4%

For general crops of Vegetables, etc. 4-10-0. 200 lbs. \$7.50, ton \$70.00.

SUPERPHOSPHATE With Ammonia 5%

For Potatoes and Garden crops. 5-8-0. 200 lbs. \$8.00, ton \$76.00.

Owing to present conditions all prices of Fertilizers are subject to market prices.



INSECTICIDES



APHIS PUNK. A soft paper saturated with nicotine, rolled and dried. When lighted it burns slowly.

For "smoking" conservatories, etc. Box of 12 rolls, 60c., case of 12 boxes \$7.00.

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, caterpillars, scale, and other insects and blights. Use one part to forty parts of water. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., 1 pt. 65c., qt. \$1.00, gal. \$2.50.

ANT DESTROYER. A non-poisonous powder. Will destroy or drive away black ants. Box 15c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

ARSENATE OF LEAD. Paste. Key Brand. For caterpillars, chewing insects, fruit flies and codling moth. Contains 15 $\frac{1}{2}$ per cent. Arsenic Oxide. Mixes easily in water and will not burn foliage. Dilute 1 lb. to 20 gals. water. Lb. 40c., 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$6.50, 50 lbs. \$12.50, 100 lbs. \$24.00.

ARSENATE OF LEAD. Powdered. Key Brand. Better than Paris Green and does not burn foliage. Dilute 1 lb. to 50 gals. water. Lb. 65c., 5 lbs. \$2.75, 10 lbs. \$5.25, 25 lbs. \$12.00.

ARSITE. A liquid poison for potato bugs. Most concentrated poison made. $\frac{1}{2}$ pt. makes 50 gals. So adhesive that rains will not wash it off, thereby saving time and material. Must be used with Bordeaux Mixture or water to which some freshly slaked lime has been first added. Very economical. $\frac{1}{2}$ pt. 45c., pt. 75c.

BORER OIL. Useful for flat and round head Borers in Peach and other trees. Pt. 30c.

BORDO-LEAD. Key Brand. Insecticide and fungicide. Two sprays in one. A mixture of Arsenate of Lead and Bordeaux Mixture. Splendid for Potatoes, Apples, Pears and vegetables. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$6.00, 50 lbs. \$11.00, 100 lbs. \$22.00.

BORDEAUX MIXTURE. Paste. Key Brand. For blight, mildew, rust and fungus diseases. One lb. to 3 gals. of water. Lb. 30c., 5 lbs. \$1.25, 10 lbs. \$2.25, 25 lbs. \$4.75, 50 lbs. \$8.50.

BORDEAUX MIXTURE. Powder. Key Brand. Used same as Bordeaux Mixture, also for dusting dry. Lb. 45c., 5 lbs. \$2.00, 25 lbs. \$8.00.

BOROWAX. A complete protection against borers if properly applied to Peach, Plum, Apple, Pear and Quince trees. Qt. 35c., gal. \$1.00, 6 gals. \$5.00.

BUG DEATH. Is extensively used for cabbage and tomato worms, potato and cucumber bugs. Lb. 25c., 3 lbs. 70c., 5 lbs. 90c., 12 $\frac{1}{2}$ lbs. \$1.75.

CATTLE COMFORT. Protects cattle, dogs, etc., from flies and other insects. Gal. \$2.25.

CARBOLA. A disinfecting germ-killing white paint. Used instead of whitewash for stables, chicken coops, dairies, cellars, etc. 10 lbs. make 10 gals. Pkge. 25c., 10 lbs. \$1.10, 50 lbs. \$4.50.

COPPER SOLUTION. For mildew, Pear and Apple scab, rust on Carnations and Violets. Gal. \$3.25.

CUT WORM KILLER (Sterlingworth). This is a coarse powder for sprinkling near the plants to be protected. It is harmless to birds or chickens. One pound is sufficient for 175 plants or 100 feet of drill. Lb. 25c., 5 lbs. \$1.00, 25 lbs. \$4.00.

FLY KNOCKER. Protects all animals from flies. Qt. 75c., $\frac{1}{2}$ gal. \$1.25, gal. \$2.00.

FORMALDEHYDE. A useful fungicide for potato scab, rosette in Lettuce, Onion smut and fungus in soil. For Potatoes use 1 lb. to 30 gals. of water and soak the tubers about 1 $\frac{1}{2}$ hours before planting. Lb. 60c.

FUNGINE. An infallible remedy for mildew and other fungus diseases. Pt. 50c., qt. \$1.00, gal. \$3.50.

GISHURST COMPOUND. An English preparation for green fly, scale, mealy bug, red spider, etc. 1-lb. box 60c.

GRAPE DUST. For prevention of mildew on Roses, Grapes, Gooseberries, etc. 5-lb. pkg. 75c., 100-lb. keg \$14.50.

HELLEBORE POWDER. For rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. $\frac{1}{4}$ lb. 20c., $\frac{1}{2}$ lb. 35c., lb. 70c., 5 lbs. \$3.25.

IMP SPRAY SOAP. Effective against green fly, aphid, red spider and thrips. Mix with 12 parts of water for spraying. Gal. \$2.25.

KEROSENE MISCIBLE OIL. Key Brand. Better than Kerosene Emulsion. Mixes easier, has greater killing power and is valuable against all soft-bodied insects. Contains 80 per cent. Kerosene. Qt. 65c., gal. \$1.65, 5 gals. \$6.00, 10 gals. \$11.50.

LEMON OIL. For destroying mealy bugs, scale, thrip, red spider, etc. $\frac{1}{2}$ pt. 30c., pt. 50c., qt. 90c., $\frac{1}{2}$ gal. \$1.75, gal. \$2.75.

LIME SULPHUR. Dry. Used for all scale insects as a dormant spray. Mix 1 lb. to 5 gals. of water. Easier to handle than the liquid Lime Sulphur. 1 lb. 30 cts., 5 lbs. \$1.40, 10 lbs. \$2.75.

NICO-FUME LIQUID. For spraying or fumigating. Does not stain or injure the blooms. Lb. \$1.50, 4 lbs. \$5.50, 8 lbs. \$10.50.

NICO-FUME PAPER. Extra strong tobacco paper for burning. 24 sheets 85c., 144 sheets \$4.00, 288 sheets \$7.50.



INSECTICIDES—Continued

NICOTINE SULPHATE, "Black Leaf 40." For aphids, thrips, etc., 1 oz. bottle 25c, 2 lbs. \$2.50.

NIKOTEEN. 30 per cent. strength. A thorough exterminator of mealy bug, thrip, lice and all insects affecting plant life. $1\frac{3}{4}$ oz. 40 c., lb. \$1.50, 8-lb. tins \$10.00.

PARIS GREEN. For potato bugs, etc. $\frac{1}{4}$ lb. 20c., $\frac{1}{2}$ lb. 40 c., lb. 75c.

PYROX, Bowker's. Kills all leaf-eating insects, and prevents blights and fungous troubles, without injury to fruit or foliage. Sticks like paint and rain don't wash it off. 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$6.25, 100 lbs. \$22.00.

READEANA (Rose Bug Exterminator). Destroys rose bugs, black ants, etc., without injury to plants. Mix one part with three parts of water, and apply with brush or sprayer. Can 50c., qt. \$1.35, gal. \$4.00, 5 gals \$17.50.

SCALE KILLER. Soluble Oil. Target Brand. A dormant spray for San José scale and soot bodied sucking insects. No disagreeable odor. Mixes easily and has no sediment. Dilute 1 gal. to 20 gals. water. Qt. 60c., gal. \$1.50, 5 gals. \$6.50, 30 gals. \$27.00, 50 gals. \$40.00.

SCALECIDE. For San José scale and spraying all kinds of trees. 1-gal. can \$1.50, 5 gals. \$6.50, 10 gals. \$12.00, 30 gals. \$27.00, 50 gals. \$39.50.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. 1-lb. cartons 20c., 5-lb. pkg. 50c., 10 lbs. \$1.00, keg of 125 lbs. \$11.50.

SULPHUR, Powdered. A staple preventive for mildew on Grapes, Roses, etc. Lb. 10c., 10 lbs. 65c., 25 lbs. and over, 7c. per lb.

SULTAR INSECTICIDE. A valuable disinfectant and insecticide. Useful for spraying chicken houses, dog kennels, etc. Gal. \$3.00.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One lb. will make a band 7 to 8 feet long. 1-lb. can 50c., 3 lbs. \$1.45, 10 lbs. \$4.50, 20 lbs. \$8.75.

TREE WOUND PAINT, Key Brand. Prevents decay. A penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops trees bleeding and prevents decay. Qt. 75c., gal. \$1.75.

TOBACCO DUST. Destroys rose lice, cabbage and turnip fleas, etc. Lb. 10c., 5 lbs. 40c., 10 lbs. 70c., 100 lbs. \$5.00.

TOBACCO DUST FOR FUMIGATING. Used for burning in place of stems. 10 lbs. 75c., 50 lbs. \$2.75, 100 lbs. \$5.00.

TOBACCO STEMS FOR FUMIGATING. Clean and free from rubbish. In bales of 100 lbs., \$2.50.

VERMINE. For all soil vermin, such as cut, eel, or wire worms, slugs, root lice and ants. $\frac{1}{2}$ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

WHALE OIL SOAP WITH TOBACCO. Kills lice and sucking insects on trees, shrubs, plants, vines and Roses. Lb. 30c., 5 lbs. \$1.40, 25 lbs. \$6.75.

WORM ERADICATOR. Rhead's Electric. For destroying worms in lawns, pots, etc. One gal. makes 150 gals. solution. 8-oz. bottles 50c., gal. \$4.00, 5 gals. \$17.50.

X. L. ALL LIQUID INSECTICIDE. For spraying. Harmless to very delicate plants; kills all insect pests. Qt. \$1.50, gal. \$5.00.

X. L. ALL VAPORIZING COMPOUND. The most effectual method of fumigating greenhouses. Bottle sufficient for 10,000 cu. ft., No. 3, \$2.75; bottle sufficient for 20,000 cu. ft., No. 2, \$5.00.
Fumigators for above, \$1.50 each.

ZENOLEUM. A valuable disinfectant and destroyer of insects in chicken houses, stables, etc. $\frac{1}{2}$ lb. tin 25c., qt. 60c., gal. \$1.75, 5 gals. \$7.50.

Prices of Insecticides are subject to market changes.

Rat Cure

NEVER FAILS

This is put up in tablet form. Drop the tablets where the rats or mice are and they readily eat them with sure effect. No smell from the dead rats is detected. Price 25c.

RAT CORN



A safe and sure exterminator of rats and mice. This is not a poison and can be used without fear when other animals are around. No smell from the dead rats is detected, as the bodies dry up after death. Sizes, 25c., 50c. and \$1.00.



Vegetable Seeds for Planting in Hotbeds in March

BEANS
BEETS
EARLY CABBAGE
EARLY CARROT

CAULIFLOWER
CELERY
EGG PLANT
ENDIVE

KOHLRABI
LEEK
LETTUCE
ONION

PARSLEY
PEPPER
RADISH
TOMATO

Seed Sowing and Planting Table for Vegetables for Home Gardeners in Vicinity and New York

Variety of Vegetable	Time to Sow Open Ground	No. of Days Required to Germinate	Time Required for Maturity from Date Sown	Distance Planting		Amount of Seed, etc., Required	Depth of Plant
				Apart in row	Rows Apart		
ARTICHOKE, Globe.....	May.....			2-3 ft.....	2-3 ft.....	½ oz. for 100 ft. row	1 - 2 in.
ARTICHOKE, Jerusalem..	April.....			1-2 ft.....	2-3 ft.....	Peck for 100 ft. row	3 in.
ASPARAGUS, Seeds.....	April & May	20 to 28	3 to 4 years			2 oz. for 100 ft. row	1-2 in.
ASPARAGUS, Roots.....	April.....			1 ft.....	2 ft.....	100 for 100 ft. row...	3-5 in.
BEANS, Dwarf.....	May to Aug.	6 to 10	45 to 75 days	3 in.....	2 ft.....	1 qt. for 150 ft. row.	½-2 in.
Pole and Lima....	May to June	6 to 10	65 to 100 "	3 ft.....	4 ft.....	1 qt. for 100 hills...	1-2 in.
BEETS.....	April to Aug.	7 to 10	60 to 75 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1-2 in.
BORECOLE (Kale).....							
For spring use.....	Aug. & Sept.	6 to 10	85 to 120 "	2 ft.....	2½ ft....	½ oz. for 100 ft. row	½ in.
For fall use.....	June.....	6 to 10	85 to 120 "	2 ft.....	2½ ft....	½ oz. for 100 ft. row	½ in.
BRUSSELS SPROUTS...	April to July	6 to 10	100 to 120 "	1½ ft....	2½ ft....	¼ oz. for 100 ft. row	½ in.
CABBAGE, Early.....	April.....	6 to 10	100 to 125 "	1½ ft....	2 ft.....	¼ oz. for 100 ft. row	½ in.
Late.....	May & June	6 to 10	120 to 180 "	2½ ft....	2½ ft....	¼ oz. for 100 ft. row	½ in.
CARROT, Early.....	April.....	10 to 15	65 to 85 "	4 in.....	1½ ft....	½ oz. for 100 ft. row	½ in.
Late.....	May to July	10 to 15	100 to 120 "	5 in.....	2 ft.....	½ oz. for 100 ft. row	½ in.
CAULIFLOWER, Early...	April.....	6 to 10	100 to 115 "	1½ ft....	2½ ft....	¼ oz. for 100 ft. row	½ in.
Late.....	May & June	6 to 10	100 to 135 "	2 ft.....	3 ft.....	¼ oz. for 100 ft. row	½ in.
CELERY.....	April.....	12 to 20	125 to 150 "	6 in.....	3 to 5 ft..	¼ oz. for 100 ft. row	⅛ in.
CHERVIL.....	April & May	6 to 10		broadcast	20 in.....	1 oz. for 100 ft. row	1 in.
CORN SUGAR.....	May to July	8 to 10	60 to 100 "	3 ft.....	4 ft.....	1 qt. for 200 hills...	1-2 in.
CRESS, Curled.....	April.....	4 to 6	30 "	broadcast	1 ft.....	½ oz. for 100 ft. row	on surface
CUCUMBER.....	May to July	6 to 8	60 to 85 "	4 ft.....	4 ft.....	1 oz. for 60 hills....	1-2 in.
EGG PLANT.....		10 to 14	125 to 160 "	2½ ft....	2½ ft....	¼ oz. for 100 ft. row	½-1 in.
ENDIVE.....	April to Aug.	6 to 10	75 to 100 "	1 ft.....	1 ft.....	1 oz. for 100 ft. row.	½-1 in.
HORSERADISH.....	April & May			14-20 in..	2½ ft....	70 roots for 100 ft...	3-4 in.
KOHLRABI.....	April to July	6 to 8	65 to 85 "	1 ft.....	2 ft.....	¼ oz. for 100 ft. row	½ in.
LEEK.....	April & May	6 to 10	120 to 160 "	6 in.....	1½ ft....	¼ oz. for 100 ft. row	1 in.
LETTUCE.....	April to Aug.	6 to 10	75 to 100 "	1 ft.....	1 ft.....	¼ oz. for 100 ft. row	½ in.
MELON, MUSK.....	May to June	6 to 10	90 to 120 "	4 ft.....	4 ft.....	1 oz. for 60 hills....	1-2 in.
MELON, WATER.....	May to June	8 to 12	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 30 hills....	1-2 in.
ONION, Seed.....	April & May	6 to 10	120 to 150 "	3 in.....	1 ft.....	½ oz. for 100 ft. row	½-1 in.
ONION Sets.....	April & May			3 in.....	1 ft.....	3 pts. for 100 ft. row	1-2 in.
PARSLEY.....	April & May	18 to 24	90 to 100 "	4 in.....	1 ft.....	¾ oz. for 100 ft. row	⅛ in.
PARSNIP.....	April.....	12 to 18	100 to 150 "	6 in.....	1½ ft....	½ oz. for 100 ft. row	½-1 in.
PEAS, Wrinkled.....	April to July	5 to 10	50 to 75 "	2 in.....	2 to 4 ft..	1 qt. for 150 ft. row.	2-3 in.
Smooth.....	April to Aug.	5 to 10	50 to 65 "	2 in.....	2 to 4 ft..	1 qt. for 150 ft. row.	2-3 in.
PEPPER.....		10 to 14	135 to 150 "	2 ft.....	2½ ft....	⅛ oz. for 100 ft. row	½ in.
POTATOES.....	April to June	15 to 25	75 to 100 "	10 in.....	2½ ft....	1 peck to 100 ft. row	4 in.
PUMPKINS.....	May to June	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills....	1-2 in.
RADISH.....	April to Sept.	4 to 6	25 to 50 "	2-4 in....	1 to 1½ ft.	1 oz. for 150 ft. row.	½-1 in.
RHUBARB ROOTS.....	April & May			3 ft.....	3 to 5 ft..	33 plants for 100 ft..	2-3 in.
SALSIFY.....	April.....	6 to 10	100 to 150 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1 in.
SPINACH.....	April to Sept.	6 to 12	60 to 75 "	4 in.....	1 to 1½ ft.	1 oz. for 200 ft. row .	1-2 in.
SQUASH, Summer.....	May to July	6 to 10	60 to 75 "	4 ft.....	4 ft.....	1 oz. for 50 hills....	1-2 in.
Winter.....	May to June	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills....	1-2 in.
TOMATO.....	June.....	6 to 10	125 to 150 "	3 ft.....	3 ft.....	⅛ oz. for 100 hills..	½-1 in.
TURNIP.....	April to Sept.	4 to 7	60 to 75 "	6 in.....	1 to 1½ ft.	½ oz. for 100 ft. row	¼-½ in.

"SPRATT'S" MEAT "FIBRINE" Vegetable Dog Cakes.

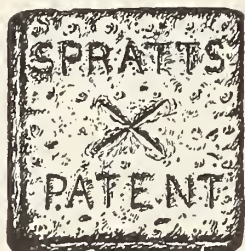
The standard dog food. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs.

Prices: Per lb. 20c., 10 lbs. \$1.45, 100 lbs. \$12.50.

"SPRATT'S" PUPPY BISCUITS

A perfect and whole food for puppies of all breeds. Puppies should be started on these biscuits when about one month old and they should be continued until such time as their teeth become sound and strong, usually when they are about six months old.

Prices: Per lb. 20c., 10 lbs. \$1.60, 100 lbs. \$14.00.



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Bamboo Canes	63	Grapes	55	Rat Corn	95
Barley	23	Grasses	26-29	Refuse Burner	71
Baskets	70-75	Greenhouse Plants	51	Rollers	81
Bean Poles	87	Grindstones	73	Roses	54
Bedding Plants	51	Harrows	72	Rose Trellis	87
Begonias	56	Herbs	22	Rustic Work	70
Bird Houses	70	Horse Boots	65	Rye	24
Bird Seeds	22	Hoe Rake	75, 91	Sanitary Absorbent	90
Blackberries	55	Hose, Garden	65, 72	Sash Hotbed	67
Bone Mills	73	Hotbed Sash	67	Saucers	64
Books	62	Humus	93	Seeders	27, 77, 82
Boxes, Flower	63	Hurdles	87	Shading, Greenhouse	74
Broom Corn	23	Hyacinths	64	Shears, Pruning	68
Buckwheat	23	Insecticides	88, 94, 95	Soap Sprayers	86
Bulbs	55-62	Ismene	61	Sod Tampers	81
Cannas	57	Kirke System	88	Soil Tester	88
Caladiums	56	Labels	68, 82	Sorghum	25
Callas	56	Lawn Grass	28, 29	Soudan Grass	25
Canning Outfits	92	Lawn Compound	89	Spray Pumps	83-85
Carnations	51	Lawn Mowers	78-80	Spot Marker	76
Carnation Supports	63-71	Lawn Rollers	81, 82	Sprinklers	85
Carts, Leaf	71	Lawn Seeders	27, 82	Stakes, Plant	63, 66, 87
Celery Bleachers	71	Lawn Sweeper	81	Strawberries	55
Cinnamon Vines	56	Lawn Sprinklers	86	Summer Cloud	74
Cherries	55	Lawn Trimmer	80	Sweeper, Lawn	81
Chrysanthemums	52	Lily Bulbs	61	Sweet Peas	48-49
Climbers Hardy	54	Lily of the Valley	61	Thermometers	67
Clovers	25	Madeira Vine	61	Tomato Stakes	87
Corn Field	23	Millet	24	Tomato Supports	73
Corn Planter	73	Montbretias	61	Trellis	87
Cow Peas	24	Mills, Grinding	73	Truck and Barrel	71
Crinum	56	Mulford Cultures	89	Tubs, Plant	74
Cultivators	73, 76, 77	Novelties	1-4	Tuberose	61
Currants	55	Oats	24	Vegetable Plants	22
Dahlias	57-58	Oxalis	61	Vegetable Seeds	5-23
Daylight Glass Cleaner	74	Palms	53	Vetches	25
Dog Biscuits	95	Peas, Field	24	Violets	51
Dog Remedies	90	Pears	55	Watering Pots	69
Farmogerm	92	Peaches	55	Weed Killers	89
Farm Seeds	24-26	Planet, Jr., Tools	76, 77	Weeders	69
Ferns	55	Plant Protectors	75	Wheelbarrows	69
Fertilizers	88, 93	Plant Supports	73	Wheelbarrow Racks	74
Fertilizer Sower	72	Plows	72, 76	Wheat	25
Flower Pots	63-64	Plums	55	Window Boxes	73
Flowering Shrubs	54	Potatoes	17		
Flower Seeds	30-50	Post Hole Digger	73		



NITRO-FERTILE is a scientific combination, in liquid form, of the three essential elements of plant growth, Nitrogen, Phosphoric Acid and Potash.

NITRO-FERTILE, being a liquid, goes straight to the roots, showing results in from three to ten days. Applications can be made from time to time during the growing season, as needed.

Dry fertilizers are not available until dissolved by moisture or rainfall, making their action slower and less certain.

Flowers treated with **NITRO-FERTILE** take on a healthier glow and develop to maximum size and quality. Shrubbery attains complete growth. Vegetables mature

more fully and more quickly. Lawns, scanty at the start, become thick and velvety.

NITRO-FERTILE is not expensive, one gallon making one hundred and twenty or two hundred and forty gallons of fertilizer, depending on whether for use out-of-doors or inside or under glass.

One gallon is sufficient for the average lawn or garden for a season, allowing for three or four applications.

NITRO-FERTILE is in quick acting form, easy to apply, harmless to foliage, odorless, contains no weed seeds and keeps indefinitely.

½ pint 35c., qt. \$1.00, gal. \$3.00, 5 gals. \$14.00, 25 gals. \$60.00.

